

JVC

SERVICE MANUAL

WIDE LCD PANEL TELEVISION

LT-26B60BJ, LT-26B60BU
LT-26B60SJ, LT-26B60SU

InteríArt

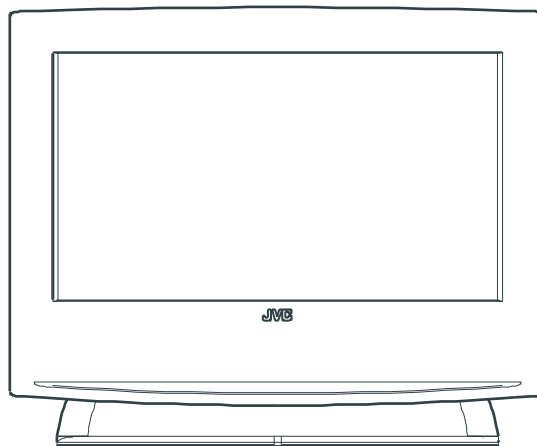


TABLE OF CONTENTS

| | | |
|---|------------------------------------|------|
| 1 | PRECAUTION..... | 1-3 |
| 2 | SPECIFIC SERVICE INSTRUCTIONS..... | 1-7 |
| 3 | DISASSEMBLY | 1-10 |
| 4 | ADJUSTMENT | 1-14 |
| 5 | TROUBLESHOOTING | 1-14 |

SPECIFICATION

| Items | | Contents | |
|--------------------------------|-------------------------------|---|--------------------------|
| | | LT-26B60SU LT-26B60BU | LT-26B60SJ LT-26B60BJ |
| Dimensions (W × H × D) | | 70.3cm × 57.8cm × 22.3cm [Included stand] 70.3cm × 52.3cm × 9.8cm [TV only] | |
| Mass | | 13kg [Included stand] 11.4kg [TV only] | |
| Power Input | | AC220 ~ 240V 50Hz | |
| Power Consumption | | 140W (Standby: 3.0W) | |
| TV RF System | | CCIR (B/G, DK, I, L) | |
| Colour System | | PAL / SECAM / NTSC 3.58/4.43 [EXT only] | |
| Stereo System | | A2 (B/G) / NICAM (B/G, I, L) | |
| Receiving Frequency | VHF UHF CATV | 47 MHz - 470 MHz 470 MHz - 862 MHz S1 - S20 / S21 - S41 | |
| Intermediate Frequency | VIF SIF | 38.9 MHz (B/G, I, L) 33.4 MHz (5.5MHz : B/G) 32.9 MHz (6.0MHz : I) 32.4 MHz (6.5MHz : L) | |
| Colour Sub Carrier Frequency | PAL SECAM NTSC | 4.43 MHz 4.40625 MHz / 4.25MHz 3.58 MHz / 4.43 MHz | |
| Teletext System | | FLOF (Fastext level 2.5), WST(World Standard system) TOP (German system) | |
| LCD panel | | 26V-inch wide aspect (15:9) | |
| Screen Size | | Diagonal : 60.0cm (H: 56.6cm × V : 34.0cm) | |
| Display Pixels | | Horizontal : 1366 dots × Vertical : 768 dots (W-XGA) | |
| Audio Power Output | | 8W + 8W(10% THD) | |
| Speaker | | 5.1cm × 12.7cm (×2) | |
| Aerial terminal (VHF/UHF) | | F-type connector, 75Ω unbalanced, coaxial | |
| EXT-1 / EXT-2 (Input / Output) | | 21-pin Euro connector (SCART socket) × 2 | |
| EXT-3 (Input) | Component Audio | Y:1V(p-p) Positive (Negative sync provided), 75Ω RCA pin jack × 1 Pb / Pr : 0.7V(p-p), 75Ω RCA pin jack × 2 500mV (rms), Low impedance, RCA pin jack × 2 | |
| EXT-4 (Input) | S-Video Video Audio | Mini-DIN 4 pin × 1 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), High impedance, RCA pin jack × 2 | |
| PC (RGB) Input | | D-sub 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4kHz / Vertical : 60Hz) | |
| PC AUDIO input | | 3.5mm stereo mini jack × 1 | |
| Audio output | | 500mV (rms), Low impedance, RCA pin jack × 2 | |
| Headphone | | 3.5mm stereo mini jack × 1 | |
| Remote Control Unit | | RM-C1860 (AA/R6 dry cell battery × 2) | |

Design & specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS [EXCEPT FOR UK]

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : (\equiv) side GND and EARTH : (\oplus) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

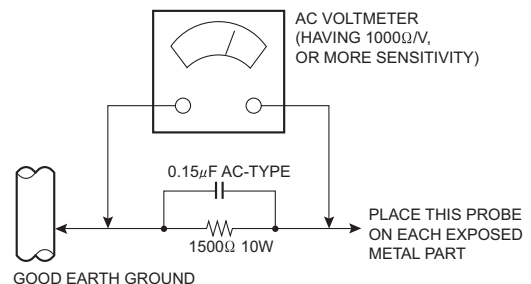
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check


Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 SAFETY PRECAUTIONS [FOR UK]

- (1) The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by () on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubing's, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

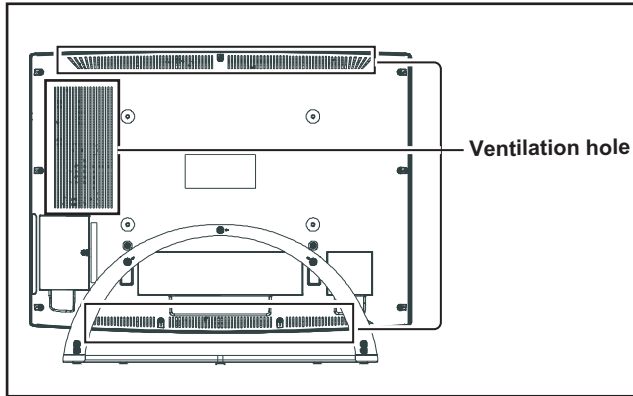
WARNING

- (1) The equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

1.3 INSTALLATION

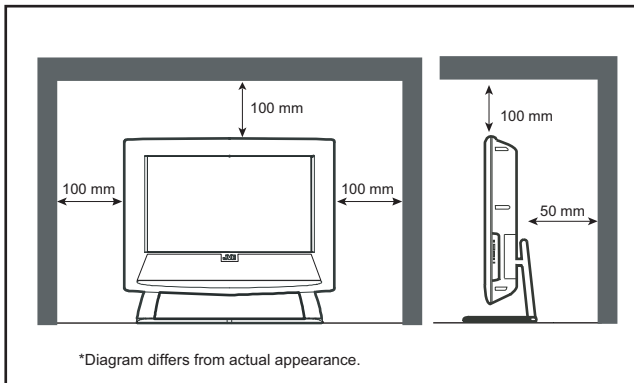
1.3.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.



1.3.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.



1.3.3 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.4 HANDLING LCD PANEL

1.4.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

- (1) **USE A SPECIAL PACKING CASE FOR THE LCD PANEL**
When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.
- (2) **ATTACH PROTECTION SHEET TO THE FRONT**
Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.
- (3) **AVOID VIBRATIONS AND IMPACTS**
The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.
- (4) **DO NOT PLACE EQUIPMENT HORIZONTALLY**
Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.4.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.4.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

T-V LINK

When you have a T-V LINK compatible VCR connected to the EXT-2 Terminal on the TV, it is easier to set up the VCR and to view videos.

ZOOM

This function can change the screen size according to the picture aspect ratio.

OFF TIMER

This function can set the TV to automatically turn off after a set time.

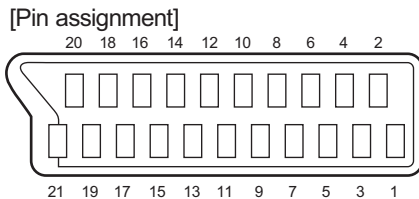
COLOUR SYSTEM

If the picture is not clear or no colour appears, change the current colour system to another colour system.

2.2 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

| Pin No. | Signal designation | Matching value | EXT-1 | EXT-2 |
|---------|-----------------------|--|---------------|-----------------------|
| 1 | AUDIO R output | 500mV(rms) (Nominal),, Low impedance | Used (TV OUT) | Used (LINE OUT) |
| 2 | AUDIO R input | 500mV(rms) (Nominal),, High impedance | Used (R1) | Used (R2) |
| 3 | AUDIO L output | 500mV(rms) (Nominal),, Low impedance | Used (TV OUT) | Used (LINE OUT) |
| 4 | AUDIO GND | | Used | Used |
| 5 | GND (B) | | Used | Used |
| 6 | AUDIO L input | 500mV(rms) (Nominal),, High impedance | Used (L1) | Used (L2) |
| 7 | B input | 700mV _(B-W) , 75Ω | Used | Used |
| 8 | FUNCTION SW (SLOW SW) | Low : 0V-3V High : 8V-12V, High impedance | Used | Used |
| 9 | GND (G) | | Used | Used |
| 10 | SCL / T-V LINK | | Not used | Used (SCL2 / TV-LINK) |
| 11 | G input | 700mV _(B-W) , 75Ω | Used | Used |
| 12 | SDA | | Not used | Used (SDA2) |
| 13 | GND (R) | | Used | Used |
| 14 | GND (YS) | | Used | Not used |
| 15 | R / C input | R : 700mV _(B-W) , 75Ω C : 300mV _(P-P) , 75Ω | Used (R) | Used (C2/R) |
| 16 | Ys input (FAST SW) | Low : 0V-0.4V, High : 1V-3V, 75Ω | Used | Used |
| 17 | GND (VIDEO output) | | Used | Used |
| 18 | GND (VIDEO input) | | Used | Used |
| 19 | VIDEO output | 1V _(P-P) (Negative sync), 75Ω | Used (TV OUT) | Used (LINE OUT) |
| 20 | VIDEO / Y input | 1V _(P-P) (Negative sync), 75Ω | Used | Used |
| 21 | COMMON GND | | Used | Used |

(P-P= Peak to Peak, B-W= Blanking to white peak)



2.3 TECHNICAL INFORMATION

2.3.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.3.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

| Item | Specifications | Remarks |
|------------------|--------------------------------------|-----------------------------|
| Displayed colour | 16777216 colours | 256 colours for R, G, and B |
| Brightness | 450cd/m ² | |
| Contrast ratio | 400: 1 | |
| Response time | 25ms | |
| View angle | Horizontally: 176°, Vertically: 176° | |

2.3.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.

For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ FLICKER FAULT

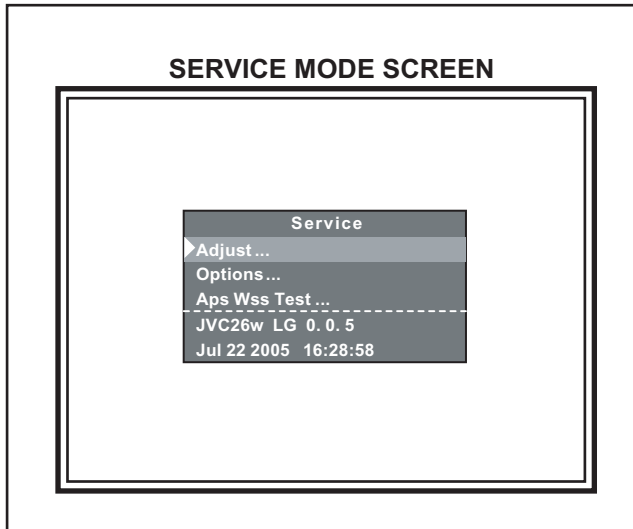
In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.4 BASIC OPERATION OF SERVICE MODE

2.4.1 HOW TO ENTER THE SERVICE MODE

- (1) Press **[INFORMATION]** key and **[MUTING]** key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.



2.4.2 HOW TO EXIT THE SERVICE MODE

Press the **[MENU]** key to exit the Service mode.

2.4.3 CHANGE AND MEMORY OF SETTING VALUE

■ SELECTION OF SETTING MENU & ITEM

- **[FUNCTION ▲/▼]** key : Select the SETTING MENU & ITEM
- **[OK]** key : Decision the SETTING MENU & ITEM

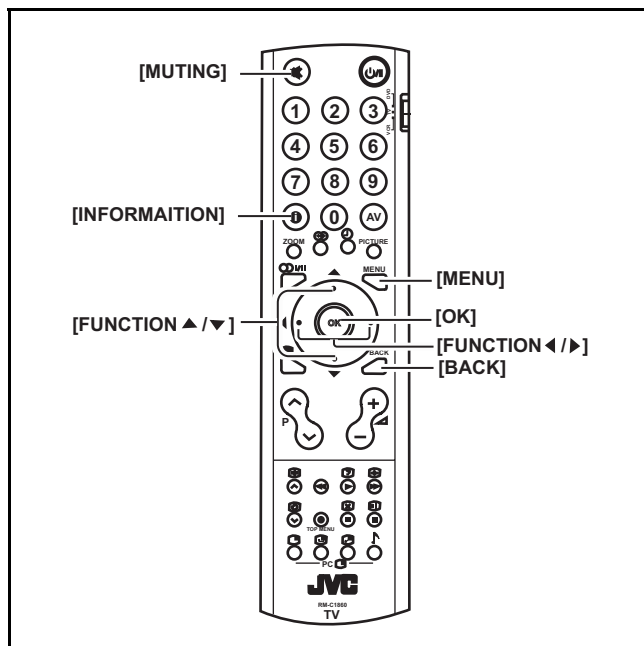
■ CHANGE OF SETTING VALUE (DATA)

- **[FUNCTION ◀/▶]** key.

■ MEMORY OF SETTING VALUE (DATA)

The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys

2.4.4 SERVICE MODE SELECT KEY LOCATION



2.4.5 SERVICE MODE SETTING ITEMS

| Setting menu | Setting items | Contents |
|--------------|----------------------|---|
| Adjust | Group | ---- |
| | Mode | ---- |
| | Col. Temp. | ---- |
| | Contrast | ---- |
| | Brightness | ---- |
| | Colour | ---- |
| | Sharpness | ---- |
| | Red | ---- |
| | Green | ---- |
| | Blue | ---- |
| | Aps Volume | ---- |
| Option 1 | First APS | If ON, TV starts with APS menu at Start-up |
| | BG | ---- |
| | DK | ---- |
| | I | ---- |
| | L | ---- |
| | L' | ---- |
| | FM Prs Avl On | Adjusts the FM Prescaler value, when Automatic Volume Levelling is On |
| | Nicam Prs Avl On | Adjusts the Nicam Prescaler value, when Automatic Volume Levelling is On |
| | Scart Prs Avl On | Adjusts the Scart Volume value, when Automatic Volume Levelling is On |
| | Scart Volume Avl On | Adjusts the Scart Volume value, when Automatic Volume Levelling is On |
| Option 2 | FM Prs Avl Off | Adjusts the FM Prescaler value, when Automatic Volume Levelling is Off |
| | Nicam Prs Avl Off | Adjusts the Nicam Prescaler value, when Automatic Volume Levelling is Off |
| | Scart Prs Avl Off | Adjusts the Scart Prescaler value, when Automatic Volume Levelling is Off |
| | Scart Volume Avl Off | Adjusts the Scart Volume value, when Automatic Volume Levelling is On |
| | Avl | Enable/disable Automatic Volume Levelling System |
| | Sound | ---- |
| | Carrier | ---- |
| | LDLY | ---- |
| | AGC | ---- |
| | Aps Wss Test | Programme |
| Aps Wss Test | VPS | ---- |
| | Pdc Format 1 | ---- |
| | Pdc Format 2 | ---- |
| | Name | ---- |
| | WSS | ---- |

SECTION 3

DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

NOTE:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required.
- Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE FOOT ASSEMBLY

- (1) Remove the 3 screws [A].
- (2) Remove the 2 screws [B].
- (3) FOOT ASSEMBLY is depressed downward, and pulled out it toward you.
- (4) Remove the FOOT ASSEMBLY.

3.1.2 REMOVING THE BACK COVER

- Remove the FOOT ASSEMBLY.
 - (1) Remove the 9 screws [C].
 - (2) Remove the BACK COVER toward you.

3.1.3 REMOVING THE AV JACK BRACKET

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [D].
 - (2) Remove the AV JACK BRACKET.

3.1.4 REMOVING THE AV JACK PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
- Remove the AV JACK BRACKET
 - (1) Remove the 2 screws [E].
 - (2) Remove the AV JACK PWB.

3.1.5 REMOVING THE SIDE CONTROL PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [F].
 - (2) Remove the BUTTON FUNCTION with SIDE CONTROL PWB.
 - (3) Remove the 4 screws which is fixing the SIDE CONTROL PWB.
 - (4) Remove the SIDE CONTROL PWB

3.1.6 REMOVING THE HEADPHONE PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 1 screw [G].
 - (2) Remove the HEADPHONE JACK PWB.

3.1.7 REMOVING THE POWER SWITCH PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 4 screws [H].
 - (2) Remove the POWER SWITCH PWB.

3.1.8 REMOVING THE AV TERMINAL BRACKET

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [J].
 - (2) Remove the AV TERMINAL BRACKET.

3.1.9 REMOVING THE MAIN PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
- Remove the AV TERMINAL BRACKET.
 - (1) Remove the 6 screws [K].
 - (2) Remove the MAIN PWB.

3.1.10 REMOVING THE POWER PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 4 screws [L].
 - (2) Remove the MAIN PWB.

3.1.11 REMOVING THE LED PWB

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [M].
 - (2) Remove the LED PWB.

3.1.12 REMOVING THE SPEAKER

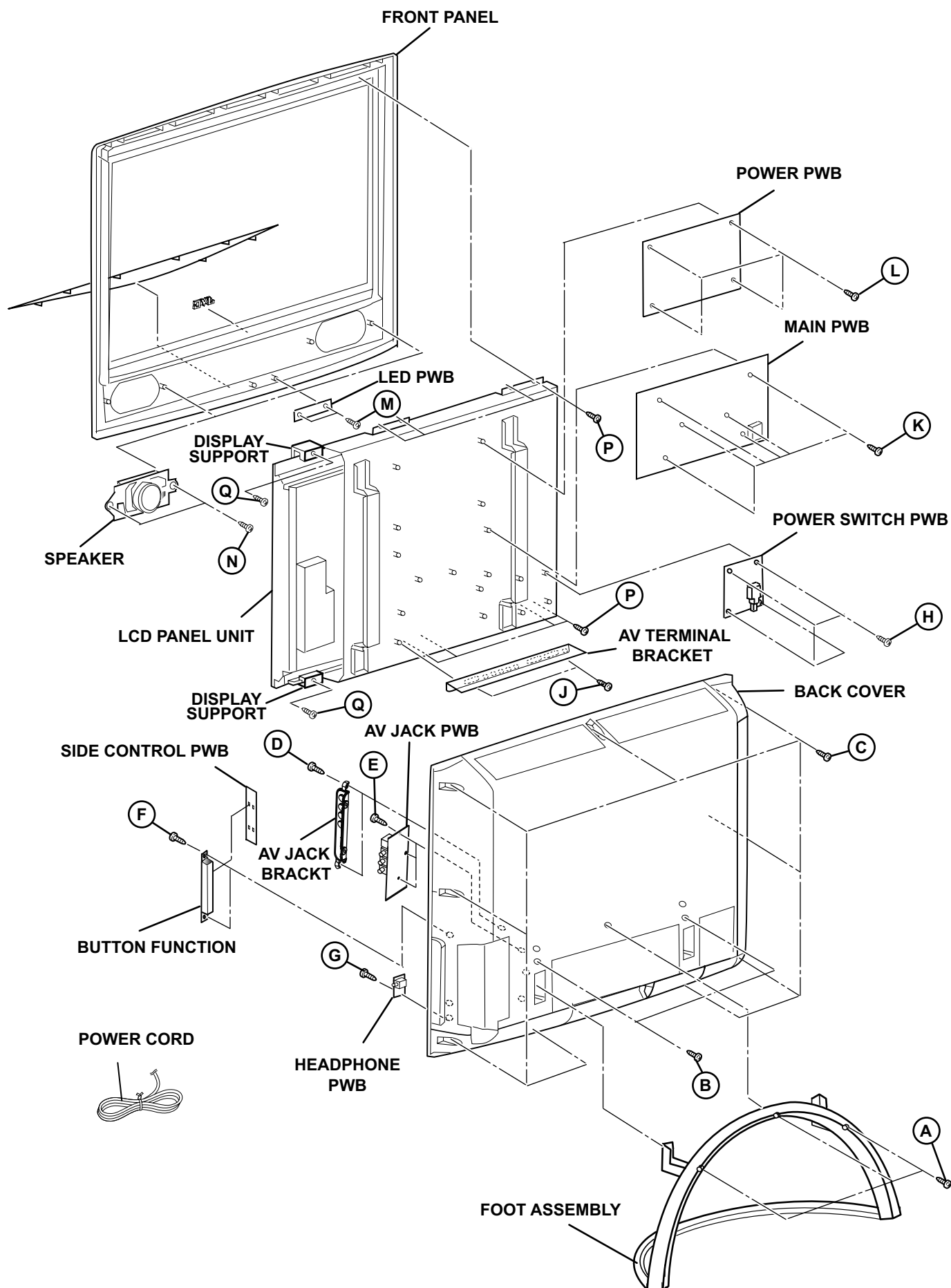
- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
 - (1) Remove the speaker wire from speaker terminal.
 - (2) Remove the 2 screws [N].
 - (3) Remove the SPEAKER PWB.
 - (4) Remove the opposite speaker same steps.

3.1.13 REMOVING THE LCD PANEL UNIT

- Remove the FOOT ASSEMBLY.
- Remove the BACK COVER.
- Remove the POWER SWITCH PWB, MAIN PWB and POWER PWB.
 - (1) Remove the 8 screws [P].
 - (2) Remove the 2 screw [Q] fixing the DISPLAY SUPPORT and LCD PANEL UNIT.
 - (3) Slightly raise the both sides of the LCD PANEL by hand from the FRONT COVER.

NOTE:

- Pay special attention not to break or damage on the FRONT PANEL.
- The LCD PANEL UNIT is fixed to the FRONT COVER (at the back side) by using double-side adhesive tapes. To remove the LCD PANEL UNIT, remove the adhesive tape on the FRONT COVER slowly.



3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 SETTINGS OF FACTORY SHIPMENT

3.2.1.1 BUTTON OPERATION

| Setting item | Setting position |
|--------------|------------------|
| POWER | Off |
| TV/AV | TV |

3.2.1.2 REMOTE CONTROL DIRECT OPERATION

| Setting item | Setting position |
|--------------|------------------|
| ZOOM | AUTO |

3.2.1.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

| Setting item | Setting position |
|--------------|------------------|
| MODE | Bright |
| Contrast | 33 Step |
| Bright-1 | 26 Step |
| Sharpness | 11 Step |
| Colour | 36 Step |
| Bright-2 | 7 Step |
| Colour Temp. | Cool |
| Noise Red. | Min |

(2) SOUND

| Setting item | Setting position |
|--------------|------------------|
| Volume | 10 Step |
| Bass | 16 Step |
| Treble | 15 Step |
| Balance | 16 Step |
| Hyper Sound | Off |
| Sound Mode | Mono |

(3) FEATURES

| Setting item | Setting position |
|--------------|------------------|
| Sleep Timer | Off |
| Child Lock | Off |
| Language | English |
| EXT-2 Output | TV |
| Blue Back | Off |

(4) Install [TV MODE]

| Setting item | Setting position |
|-----------------|------------------|
| Colour System | Auto |
| Decorder(EXT-2) | On |
| VCR | Off |

(5) Install [EXT MODE]

| Setting item | Setting position |
|---------------|------------------|
| Colour System | Auto |
| VCR | Off |

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

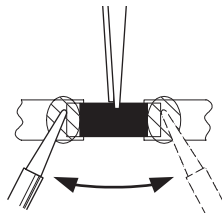
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

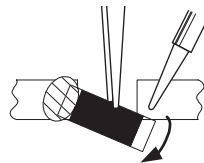
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

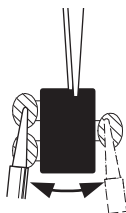


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



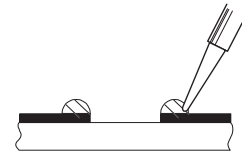
NOTE :

After removing the part, remove remaining solder from the pattern.

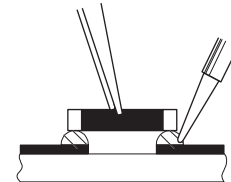
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

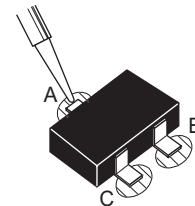


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

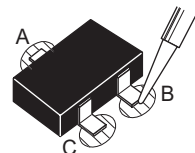


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5 TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA352)



Printed in Japan
VPT



JVC

ENGLISH
DEUTSCH
FRANÇAIS
ITALIANO

InteríArt

LT-26B60BU

LT-26B60SU

JVC

WIDE LCD PANEL TV

INSTRUCTIONS

BREITBILD-LCD-TV

TÉLÉVISEUR À GRAND ÉCRAN LCD

TV A PIENO SCHERMO LCD

BEDIENUNGSANLEITUNG

MANUEL D'INSTRUCTIONS

ISTRUZIONI



50074712

1004TKH-VT-VT



Contents

| | |
|--|----|
| For your safety | 1 |
| Important Information | 4 |
| Remote Control Buttons | 5 |
| Control Panel Buttons and Terminals | 6 |
| How to remove the stand | 8 |
| Installing TV on the wall | 9 |
| Preparation | 10 |
| Before Switching on your TV | 10 |
| Switching the TV ON/OFF | 11 |
| Initial Settings | 12 |
| Operating the TV | 13 |
| Menu System | 14 |
| Other Features | 20 |
| PC Mode | 23 |
| Teletext | 25 |
| Peripheral Equipment Connections | 26 |
| Antenna Connections | 28 |
| Peripheral Equipment Connections | 28 |
| PC Input Typical Display Modes | 29 |
| Tips | 30 |
| Specifications | 31 |

For your safety

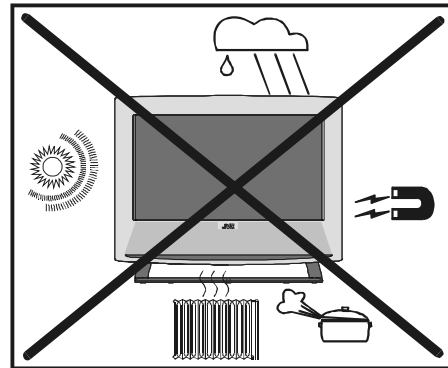
This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

Some “DOs” and “DON'Ts” for you Air Circulation...

Leave at least 10cm clearance around the television to allow adequate ventilation. This will prevent the TV from overheating and consequential possible damage to the TV. Dusty places should also be avoided.

Heat Damage...

Damage may occur if you leave the TV in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity, or locations where the temperature is likely to fall below 5°C (41°F).



DO ensure that the TV is not standing on the mains lead. DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance.

Hot / Moderate Climate Conditions

This device is suitable for working in hot and moderate climate conditions.

**IF IN DOUBT PLEASE CONSULT A
COMPETENT ELECTRICIAN.**

DO...

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions.

Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

DO NOT...

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, table-cloths, curtains etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources, such as lighted candles or night-lights on, or close to the equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch the equipment off and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

DON'T put the empty batteries into garbage instead of recycle bin to reduce harmful effects to the environment.

ABOVE ALL – NEVER let anyone, especially children, push anything into holes, slots or any other openings in the case – this could result in a fatal electric shock.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

To fully disconnect the TV, switch off the mains socket and remove the Power plug.

*** Cold cathode fluorescent lamp in LCD PANEL contains a small amount of mercury, please follow local ordinances or regulations for disposal.*

"The LCD panel is very high technology product with about a million thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product."

Please note that certain light guns used with games consoles may not work on this product.

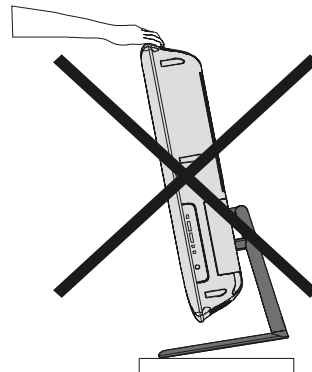
Warning:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

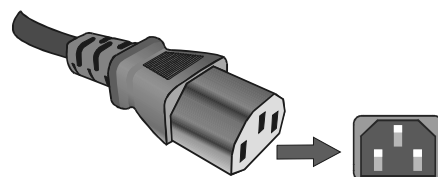
WARNING

- Do not allow children to hang from the TV, place their elbows on the TV or lean against the TV. Doing so may cause the TV to fall over and lead to injuries.



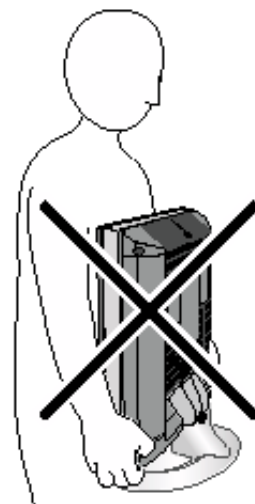
CAUTION:

- To avoid electric shock or damage to the unit, first firmly connect the small end of the power cord to the rear of the TV and then plug the larger end of power cord into an AC outlet.



CAUTION:

- The TV screen may be damaged if the TV is carried as shown in the diagram.
- The TV should always be carried by two people.



Important Information

Please take note

EXCLUSION CLAUSE

JVC shall under no circumstances be liable for loss and/or damage to the product caused by:

- fire;
- earthquake;
- accidental damage;
- intentional misuse of the product;
- use of the product in improper conditions;
- loss and/or damage caused to the product whilst in the possession of a third party;
- any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
- any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall JVC be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

WARNING! NEVER LEAVE A STATIONARY IMAGE ON THE SCREEN

If stationary images generated by TELETEXT, CHANNEL IDENTIFICATION LOGOS, COMPUTER DISPLAYS, VIDEO GAMES, ON SCREEN MENUS, etc. are left on the TV screen for any length of time, they could become permanently ingrained.

If you use your television to display completely still images, or moving pictures which have a permanent still image superimposed e.g. broadcast network logos, it is always advisable to reduce BOTH the brightness and contrast settings.

Care and disposal

Cleaning the screen and cabinet...

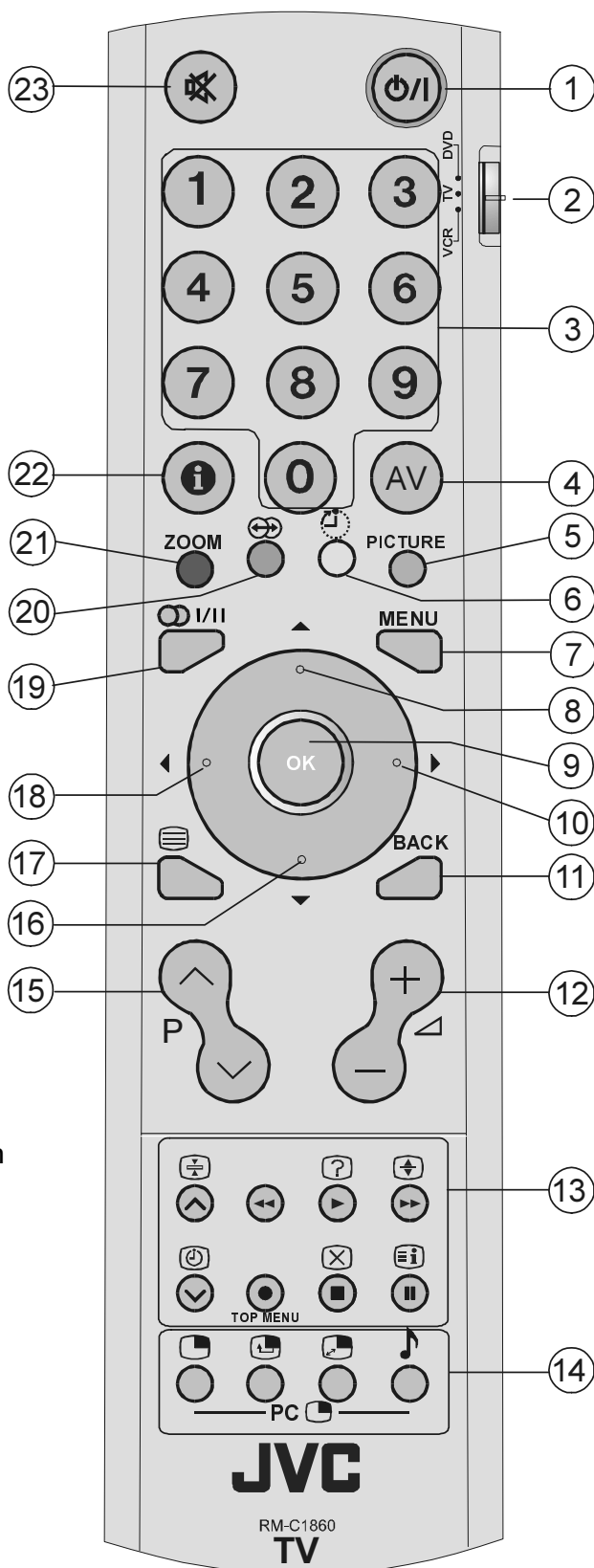
Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you do not use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

Disposal...

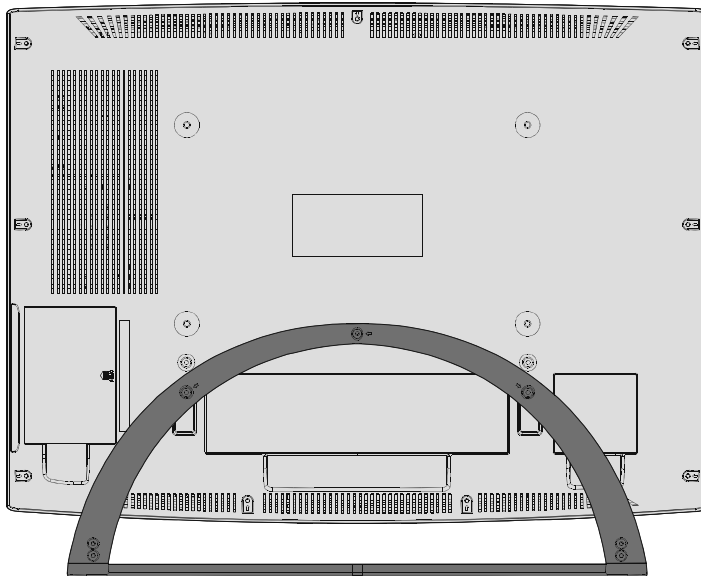
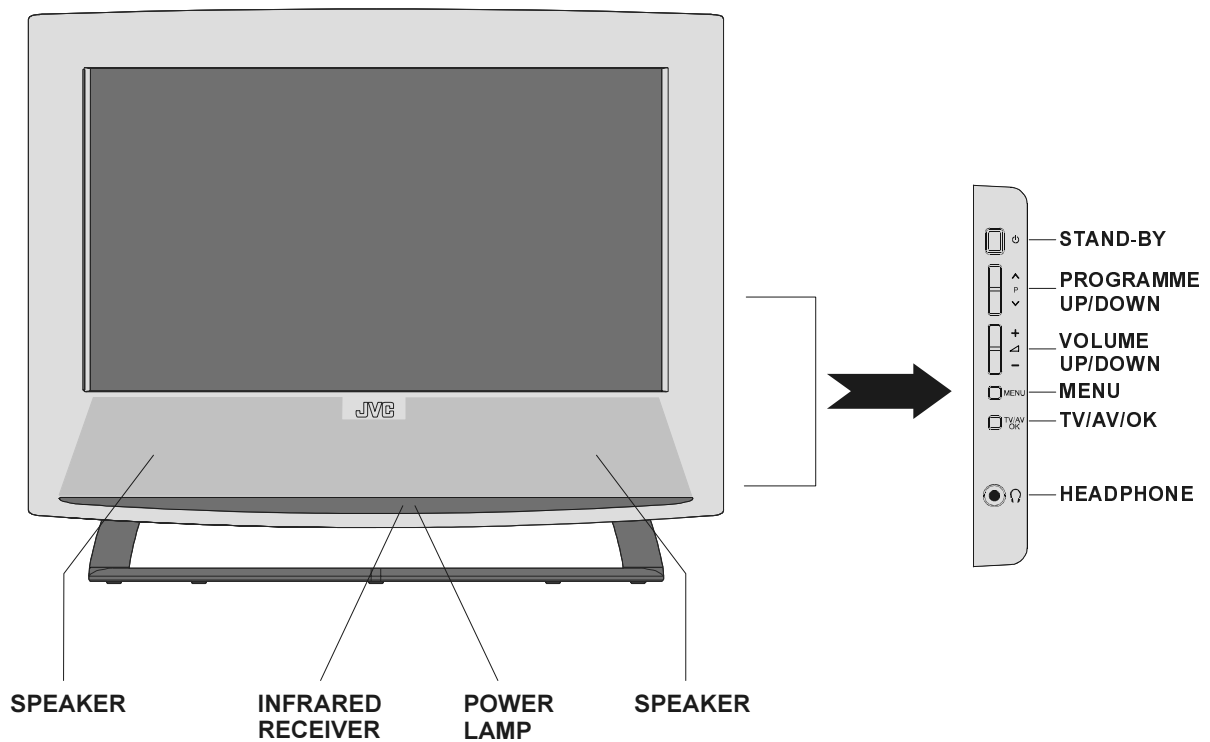
When the set reaches the end of its useful life please dispose of it in accordance with Local Government Regulations or at a recycling centre.

Remote Control Buttons

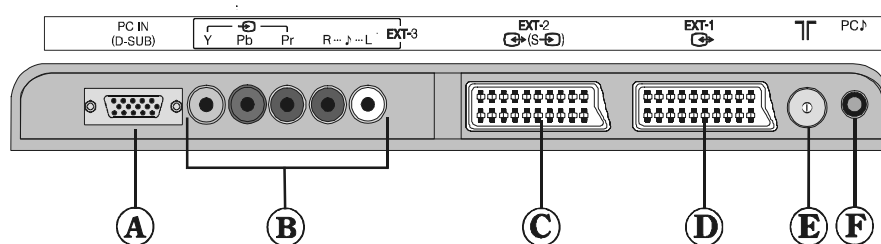
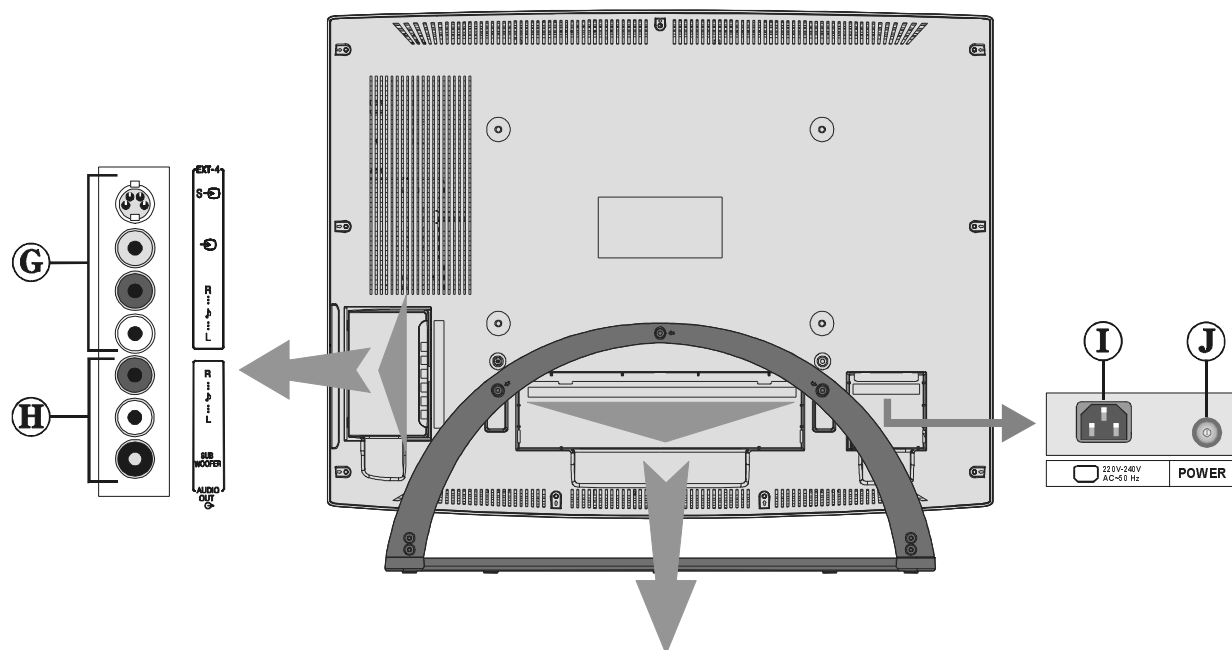
- ① = (Stand By) button
- ② TV / VCR / DVD Switch
- ③ Number buttons
- ④ **AV** button
(EXT-1, EXT-2, EXT-2S, EXT-3, EXT-4, EXT-4S, PC)
- ⑤ **BLUE / PICTURE** Mode button
- ⑥ **YELLOW** / Sleep Timer button
- ⑦ **MENU** button
- ⑧ = Cursor Up button
- ⑨ **OK** button
- ⑩ = Cursor Right button
- ⑪ **BACK** button
- ⑫ = Volume + / - buttons
- ⑬ Teletext / VCR / DVD Control buttons
- ⑭ PC Control Buttons
- ⑮ = P / V buttons
- ⑯ = Cursor Down button
- ⑰ = Teletext Button
- ⑱ = Cursor Left button
- ⑲ = Stereo / Bilingual button
- ⑳ **GREEN** / Hyper Sound On/Off button
- ㉑ **RED / ZOOM** Mode button
- ㉒ = Information Button / T-V Link in Programme Menu
- ㉓ = Mute button



Control Panel Buttons and Terminals

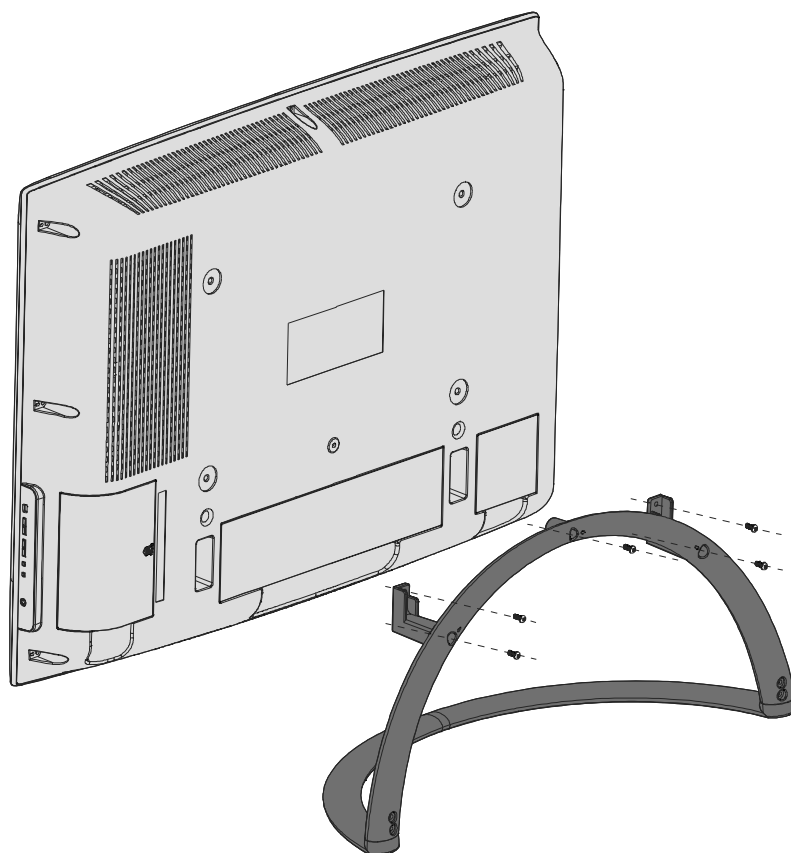


With certain combinations of connectors and leads the back cover may not be easily fitted. If the cover is left off, this in no way infringes safety requirements.



- | | | |
|---|-----------------------|--|
| ① | PC INPUT | |
| ② | EXT-3 | Y Pb Pr |
| ③ | EXT-2 | Component Audio In R Component Audio In L |
| ④ | EXT-1 | |
| ⑤ | ANTENNA | S-Video In Video In |
| ⑥ | PC AUDIO IN | Audio R Audio L |
| ⑦ | EXT-4 | |
| ⑧ | AUDIO OUT TERMINAL | Audio R Audio L Subwoofer Out |
| ⑨ | POWER CORD INPUT | |
| ⑩ | ON/OFF SWITCH | |

How to remove the stand



- Loosen the 5 screws that attach the stand to the TV.
- Gently pull the stand downwards to remove it.

Installing TV on the wall

WARNING

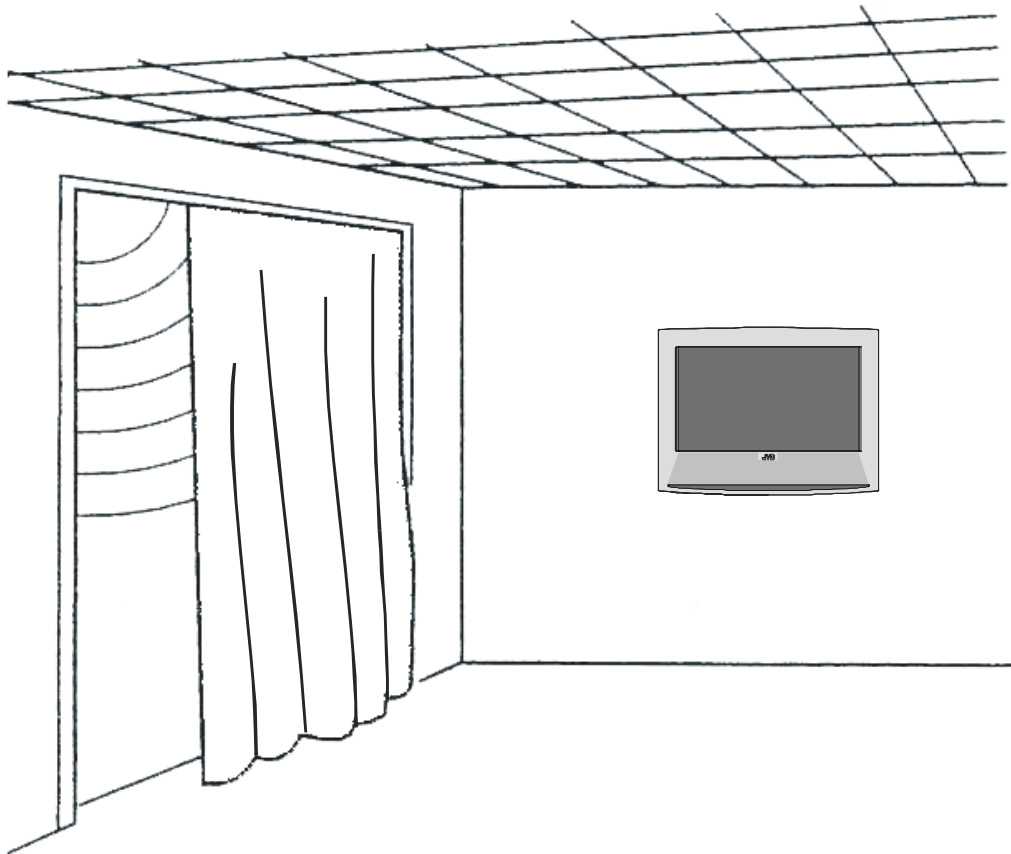
- When you install the TV on the wall, only use a JVC wall mounting unit (optional) which is designed for this TV.
- Make sure that the TV is installed on the wall by a skilled installer.

Locate the TV away from direct sunlight and strong lights, soft, indirect lighting is recommended for comfortable viewing. Place on a sturdy platform, the mounting surface should be flat and steady, it should then be secured to the wall with a sturdy tie using the hook on the back of the TV, this will prevent it from falling over. Use curtains or blinds to prevent direct sunlight falling on the screen.

A floor and table top stand are available for this television, or an angled bracket which enables the TV to be wall-mounted.

The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.

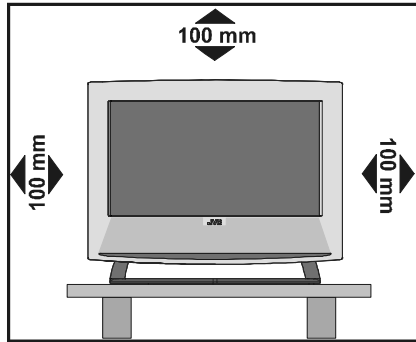
Make sure the TV is located in a position where it cannot be pushed or hit by objects, as pressure will break or damage the screen.



Preparation

Install Display on solid horizontal surface such as a table or desk.

For ventilation, leave a space of at least 10 cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set.



Features

- It is a remote controlled colour television and PC monitor.
- 100 programmes from VHF, UHF bands or cable channels can be preset.
- It can tune cable channels.
- Controlling the TV is very easy by its menu driven system.
- It has 2 pieces of Euroconnector sockets for external devices (such as video, video games, audio set, etc.)
- German+Nicam stereo sound system.
- Multilanguage OSD.
- Teletext (Fastext, 7 pages).
- It is possible to connect headphone.
- A.P.S. (Automatic programming system)
- All programmes can be named.
- Forward or backward automatic tuning.
- Sleep timer.
- Child lock.
- Auto, Full, Regular, Panoramic, 14:9 Zoom, 16:9 Zoom, 16:9 Zoom Subtitle modes.
- Automatic sound mute when no transmission.

- When no valid signal is detected, after 5 minutes the TV switches itself automatically to stand-by mode.
- NTSC Playback.
- PLL (Channel Search)
- TV Picture in PC (if PC input available).
- PC input (Support Up to 1366 x 768)
- Audio Lineout

Before Switching on your TV

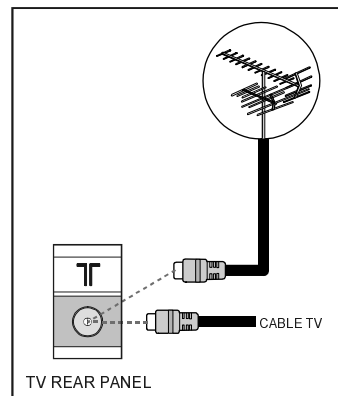
Power connection

IMPORTANT: The TV set is designed to operate on **220-240V AC, 50 Hz**.

- After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains.

Connections to the RF input socket

- Connect the aerial or cable TV plug to the RF input socket located at the back of the TV and connect the cable plug coming out from the TV out socket located at the devices (VCR, DVB etc.) to this socket as well.



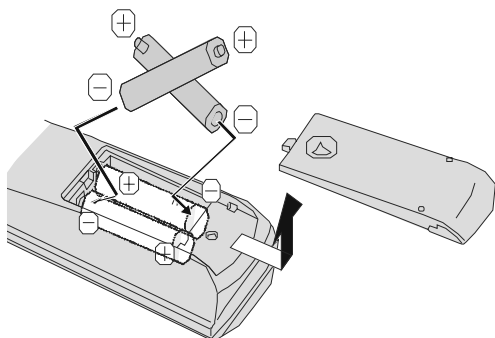
How to connect other devices

IMPORTANT: Switch off the TV before connecting any external device.

Sockets for external connections are at the back of the TV. For connection of other devices via Euroconnector refer to the manuals of the related devices.

Inserting batteries in the remote control handset

- Remove the battery cover located on the back of the handset by gently pulling downwards from the indicated part.
- Insert two AA/R6 dry cell or equivalent type of batteries inside.
- Replace the battery cover.



NOTE: Remove the batteries from remote control handset when it is not to be used for a long period. Otherwise it can be damaged due to any leakage of battery.


Old batteries must be disposed in a designated area. If performance of the remote control reduces, replace the batteries with the correct type. Do not combine a used, old battery or a new one or mixed battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment.

Switching the TV ON/OFF

To switch the TV on

Your TV will switch on in two steps:



- 1- Connect the power cord to the system. Press the On/Off switch at the rear of the TV. Then the TV switches itself to stand-by mode and the power lamp becomes red located on the front of the TV.
- 2- To switch on the TV from stand-by mode either:

Press the “ / I” button on the remote control or on the right side of the TV

or,


Press a digit button on the remote control so that a programme number is selected,

or,

Press “**P**” or “**P**” buttons on the remote control or on the right side of the TV, so that last switched off programme is selected.

Either way the TV will switch on and the power lamp will become green.

To switch the TV off

- Press the “ / I” button on the remote control or on the right side of the TV, so the TV will switch to stand-by mode and the power lamp will become red.

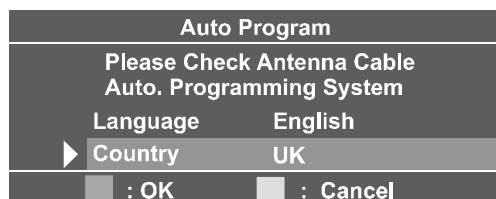
NOTE: To switch the TV off completely, press the On/Off switch at the rear of the TV or remove the mains plug from the socket.

Initial Settings

First A.P.S. (Automatic Programming System)

When you turn the TV on for the first time, the first APS menu appears.

APS, searches and sorts all channels and stores them automatically on your TV, according to the transmission of programme systems in your area.



To cancel APS before starting, press BLUE button.

First of all choose the “**Language**” which the menus of the TV will appear. As soon as you change the language, the menu items will be displayed in the selected language. By pressing the “▲” or “▼” button, come to the “**Country**” item and select the country. This will affect the sort process in APS. Press Red button to start A.P.S.

After APS is finalized, a programme list will appear on the screen. In the programme list you will see the programme numbers and names assigned to the programmes.

If you press the BLUE button at any time while the A.P.S. is running, the A.P.S. will be ended.

If you do not accept the locations and / or the programme names of programmes, you can change them in Program menu. For details see **Program Menu** on page 18.

If you do not have a T-V Link compatible VCR, press MENU button to exit the menu.

If you have a T-V Link compatible VCR connected to the EXT-2 terminal, press “**i**” button to display T-V Link menu. Then follow the operating procedure “**Downloading data to VCR**” in the following T-V Link section.

T-V Link

When a T-V Link compatible VCR connected to the EXT-2 terminal on the TV, it is easier to set up the VCR and to view videos. T-V Link uses the following features:

To use T-V Link functions

A “**T-V Link compatible VCR**” means a JVC video cassette recorder with the T-V Link logo, or with one of the following logos. For details see your VCR instruction manual.

“**Q-LINK**” (A trademark of Panasonic Corporation)

“**Data Logic**” (A trademark of Metz Corporation)

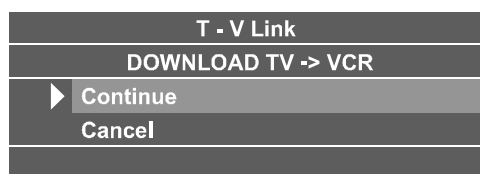
“**Easy Link**” (A trademark of Philips Corporation)

“**Megalologic**” (A trademark of Grundig Corporation)

“**SMARTLINK**” (A trademark of Sony Corporation)

Downloading data to VCR:

The VCR will automatically download the registered data on the TV channels from the TV. This means you do not need to set up the programme channels on your VCR manually. The “**T-V Link**” menu will be displayed when you press the “**i**” button while **Program** menu is displayed.



If you do not have a T-V LINK compatible VCR, select Cancel and press “▶” or “OK” button to exit the menu.

Press “▶” or “OK” button to start downloading data to VCR. “TRANSFER” is displayed in the menu.



If **"FEATURE NOT AVAILABLE"** is displayed, download was not performed correctly. Before trying to download again, check that:

- The VCR power is turned on.
- The VCR is T-V Link compatible.
- The VCR is connected to the EXT-2.
- The scart cable is fully wired.

Direct REC:

You can easily record to VCR the images that you are watching on the TV. For details, read the manual for your VCR. Use your VCR controls. You can not carry out Direct REC using your TV control.

When the VCR is not ready (For example when there is no tape inserted), **"NO RECORDING"** is displayed. In the following situations, the VCR will stop recording if the TV is turned off, if the TV channel or input is changed, or if the menu is displayed on the TV:

- When recording images from an external device connected to TV (For example camcorder).
- When recording a TV channel after it has been unscrambled on a decoder.
- When recording a TV channel by using the TV's output because the VCR's own tuner can not properly receive that channel.

TV autopower on/VCR image view:

When the VCR starts playing, the TV automatically turns on and images from EXT-2 appear on the screen.

This function does not happen if your TV's main power is turned off. Set your TV's main power to on (StandBy Mode).

Operating the TV

You can operate your TV using both the remote control handset and onset buttons.

Volume setting and programme selection can be made by using the buttons at the control panel on the right side of the TV.

Operating with the buttons on the TV

Volume Setting

- Press " -" button to decrease volume or " +" button to increase volume, so a volume level scale (slider) will be displayed at the middle of the bottom on the screen.

Programme Selection

- Press "**P**" button to select the next programme or "**P**" button to select the previous programme.

Switching input mode

- Pressing TV/AV/OK button will change the input mode.

Entering Main Menu

- Press **"MENU"** button to enter Main menu. In the Main menu select submenu using "**P**" or "**P**" button and enter the submenu using " -" / " +" or TV/AV/OK button. To learn the usage of the menus, refer to the Menu System sections.

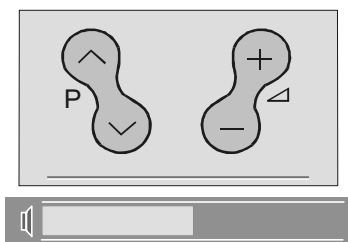
Operating with Remote Control

The remote control handset of your TV is designed to control all the functions of the model you selected. The functions will be described in accordance with the menu system of your TV.

Functions of the menu system are described in following sections.

Volume Setting

Press " +" button to increase volume. Press " -" button to decrease volume. A volume level scale (slider) will be displayed in the middle at the bottom of the screen.



Programme Selection (Previous or next programme)

- Press “P▼” button to select the previous programme.
- Press “P▲” button to select the next programme.

Programme Selection (direct access):

Press digit buttons on the remote control handset to select programmes between 0 and 9. TV will switch to the selected programme. To select programmes between 10 - 99, press the digit buttons consecutively which programme you want to select (eg. for programme 27, first press 2 and then 7). When it is late to press second digit button only the first digit programme will be displayed. The limit of the delay time is 3 seconds.

Example: PR6 → press 6,

PR12 → press 1 and 2

Press directly the programme number to reselect single digit programmes.

Hint: The channel list numbers are assigned by the broadcasters. Because not all channels are broadcast free-to-air and stored by the receiver, the channel list numbers do not run continuously. The fifteenth channel in the list, for example, may not be channel number 15 but channel number 17.

Menu System

Your TV has been designed with a menu system to provide an easy manipulation of a multi-function system. The TV is controlled by choosing the commands, which are displayed on the screen.

MAIN MENU

Press the “MENU” button. The main menu will be displayed in the middle of the screen.



To select a sub-menu use “▲” or “▼” button, and press “◀” or “▶” button or directly press “OK” button.

In EXT-1, EXT-2, EXT-3 and EXT-4 modes, main menu appears the same as in TV mode but without Program sub-menu.

Menu does not disappear automatically if it is left on the screen.

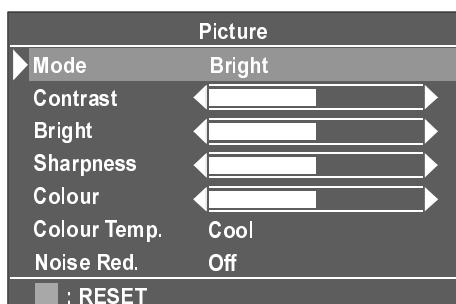
- Press the “MENU” button again to remove menu.
- Press the “BACK” button to return to the previous menu.

Picture Menu

Press “MENU” button, now you are in main menu. In the Main menu, select “Picture” using “▲” or “▼” button, then enter the Picture menu by pressing “◀” / “▶” or “OK” button.

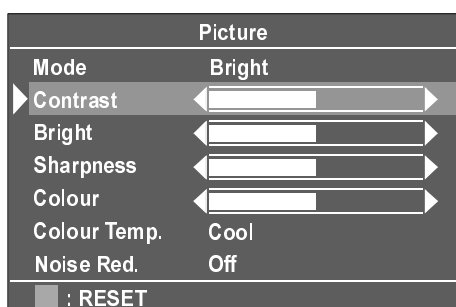
Setting Mode

- As you enter the picture menu, **Mode** will be the first item.
- By pressing “◀” or “▶” button you may choose one of these options:
Soft, Standard and Bright.



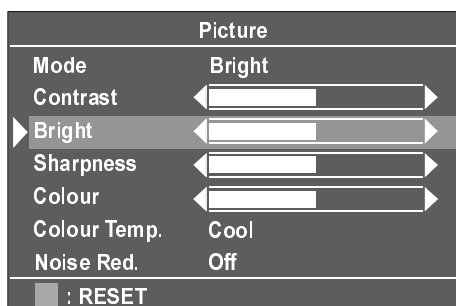
Setting Contrast

- Using “▲” or “▼” button select **Contrast**.
- Press “▶” button to increase contrast level.
- Press “◀” button to decrease contrast level.



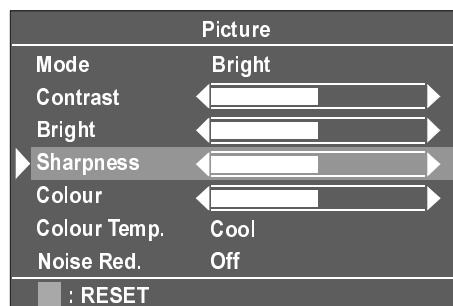
Setting Bright

- Using “▲” or “▼” button select **Bright**.
- Press “▶” button to increase brightness.
- Press “◀” button to decrease brightness.



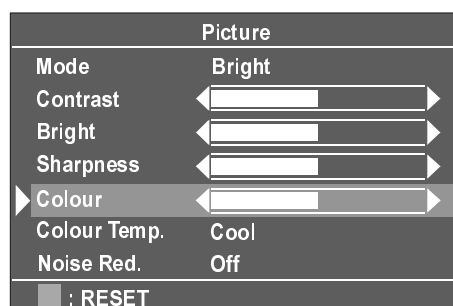
Setting Sharpness

- Using “▲” or “▼” button select **Sharpness**.
- Press “▶” button to increase sharpness level.
- Press “◀” button to decrease sharpness level.



Setting Colour

- Using “▲” or “▼” button select **Colour**.
- Press “▶” button to increase colour level.
- Press “◀” button to decrease colour level.



Setting Colour Temp.

- Using “▲” or “▼” button select **Colour Temp.**
- Press “◀” or “▶” button to select “**Warm**”, “**Cool**” or “**Normal**”.

Setting Noise Reduction

- Using “▲” or “▼” button select **Noise Red.**
- Press “◀” or “▶” button to select Noise Reduction level “**Off**” or “**Minimum**” or “**Medium**” or “**Maximum**”.

Note 1:

At low signal level, the changings on the Noise Reduction function are not effective when there is menu on the screen. If the menu is removed, the effect of this function is seen. At normal broadcasting, Noise Reduction changings are effective at once.

Note 2:

At moving pictures, while Noise Reduction is at maximum level, some picture distortions may occur. If Noise Reduction is set to medium or minimum, the picture will improve.

Setting Hue

During Playback NTSC system, this will appear in AV mode only when NTSC video source is applied. Otherwise, Hue option is invisible in Picture menu in TV mode :

- Using “▲” or “▼” button select **Hue**.
- Press “▶” button to increase hue level.
- Press “◀” button to decrease hue level.

Reset

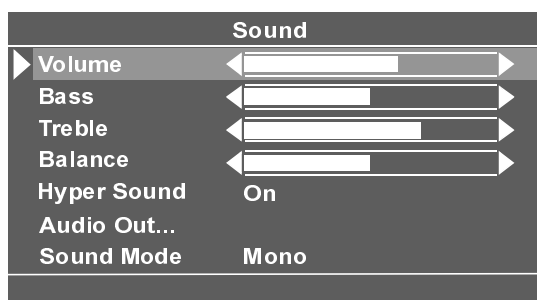
Press BLUE button to reset the picture modes to factory default settings.

To Store the Settings

In the **Picture** Menu, all settings are stored automatically.

Sound Menu

As you enter the main menu, sound will be the second item. In the main menu, select **Sound** using “▲” or “▼” button, then enter the sound menu by pressing “◀” / “▶” or “OK” button.



Setting Volume

As you enter the sound menu, **Volume** will be the first selected option.

- Press “▶” button to increase volume.
- Press “◀” button to decrease volume.

Or you can directly change the volume settings using “▲ +” (to increase) or “- ▼” (to decrease) button.

Setting Bass Level

- Using “▲” or “▼” button select **Bass** Level.
- Press “▶” button to increase bass level.
- Press “◀” button to decrease bass level.

Setting Treble Level

- Using “▲” or “▼” button select **Treble**.
- Press “▶” button to increase treble level.
- Press “◀” button to decrease treble level.

Setting Balance

It allows adjusting the distribution between the left and right speakers.

- Using “▲” or “▼” button select **Balance**.
- Press “▶” button to change balance rightward.
- Press “◀” button to change balance leftward.

Hyper Sound

- Using “▲” or “▼” button select **Hyper Sound**.
- Pressing “◀” or “▶” button will turn this feature on or off.

Pseudo/spatial effect can be turned on or off via the Hyper Sound item in the Sound menu or by remote control. In Mono transmission the left and right channels will be added at left channel and dummy stereo effect will be introduced to end-user.

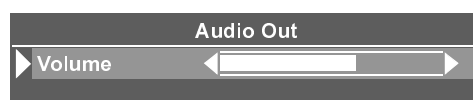
In stereo transmission it yields a phase difference between left and right channels. Hyper Sound selection will be displayed on the screen when the TV Status button is pressed or programme is changed.

To Change Audio Out Settings

Audio Out is a sub-menu of Sound menu.

Use this settings to adjust volume for audio out terminal which is located at the right side of the TV.

- Using “▲” or “▼” button select **Audio Out**.
- Press “◀” or “▶” button or directly press “OK” button on **Audio Out**, to enter the Audio Out menu.



Audio Out Volume

- As you enter the Audio Out sound menu, **Volume** will be the only option.

- Press “▶” button to increase volume.
- Press “◀” button to decrease volume.

Selecting Sound Mode

- Using “▲” or “▼” button select Sound Mode.
- Press “◀” or “▶” button to change Sound Mode.

You can choose **Mono**, **Stereo** or **Dual (I-II)** mode, only if the selected channel supports that Sound Mode.

You can also change sound mode directly pressing “I-II” button on your remote control.

To Store The Settings

In the **Sound** Menu, all settings are stored automatically.

Feature Menu

Press “**MENU**” button, now you are in main menu. In the main menu, select **Feature** using “▲” or “▼” button. Then enter the Feature menu by pressing “◀” / “▶” or “**OK**” button.

| Feature | |
|---------------|---------|
| ▶ Sleep Timer | Off |
| Child Lock | Off |
| Language | English |
| EXT-2 Output | TV |
| Blue Back | Off |

Sleep Timer

The **Sleep Timer** is used to turn the TV off after a defined period of time after selecting this item. The timer can be programmed between Off and 120 minutes in steps of 10 minutes. (Off, 010, 020, 030, 040, ... , 120)

If sleep timer is activated, at the end of the selected time, the TV goes automatically to stand-by mode.

Child Lock

You can use this feature to prevent children turning the TV on/off or changing programmes or adjustments etc. without remote control.

- Using “▲” or “▼” button select **Child Lock**.
- Press “◀” / “▶” button to select Child Lock On or Off.

When **Off** is selected, there will be no difference in the operation of your TV. When **On** is selected, the TV can only be controlled by the remote control handset. In this case the control panel buttons except “⏻” button on the right side of the TV will not work.

Selecting Menu Language

- Using “▲” or “▼” button select **Language**.
- Press “◀” or “▶” button to select menu language.

EXT-2 Output

From EXT-2 Output; **TV**, **EXT-1** or **EXT-4** can be given. These modes can be chosen by pressing “◀” or “▶” button on “**EXT-2 Output**”.

| Feature | |
|----------------|---------|
| Sleep Timer | Off |
| Child Lock | Off |
| Language | English |
| ▶ EXT-2 Output | TV |
| Blue Back | Off |

Blue Back (During No Signal)

The **Blue Back** Feature can be set by “◀” or “▶” button to either **On** or **Off**.

To Store Settings

In **Feature** menu all settings are stored automatically.

Install Menu

Press “**MENU**” button, now you are in main menu. In the main menu, select “**Install**” using “▲” or “▼” button. Then enter the Install menu by pressing “◀” / “▶” or “**OK**” button.

| Install | |
|----------------|---------------|
| ▶ Programme | P 02 |
| Band | C |
| Channel | 02 |
| Colour System | Auto |
| Sound System | BG |
| Fine Tuning | ◀-----+-----▶ |
| Search | 048.25 |
| Decoder(EXT-2) | Off |
| VCR | Off |
| Store | |

In EXT mode, Install menu appears like this:

| Install | |
|-----------------|------|
| ► Colour System | Auto |
| VCR | Off |

You can change only Colour system and VCR.

Selecting Programme

- Using “▲” or “▼” button select **Programme**.
- To select programme number, you can use “◀” / “▶” button or Digit Buttons.

Selecting Band

Band, can be chosen either,

- “C” or “S” by “◀” or “▶” button.

Selecting Channel

Channel can be changed by “◀” or “▶” button or by Digit Buttons.

Selecting Colour System

Using “◀” or “▶” button on **Colour System**, you can change the colour system to **PAL**, **SECAM** or **Auto**.

Note: In EXT mode, you can choose NTSC 3.58 and NTSC 4.43 as well.

Selecting Sound System

Using “◀” or “▶” button on **Sound System**, you can change the standard to **BG**, **DK**, **I**, **L**, **Lp**.

Selecting Fine Tuning

You can use the Fine Tuning process for fine adjustment (after coarse adjustment), if you are not happy about the image on the screen.

Use “◀” or “▶” button on **Fine Tuning** item, until getting the best image on the screen.

Selecting Search

To start the search process, press “▶” button for forward search or “◀” button for backward search. If a signal is found or reaches to end of the band after searching, press “◀” or “▶” buttons to continue search process. To stop the search process when you want, press “◀” or “▶” buttons at any time.

Decoder(EXT-2)

You can use this mode to connect any decoder to your TV.

- Press the “◀” or “▶” buttons to set it “On” or “Off”.

When you select **Decoder(EXT-2)** “On”, EXT-2 output will be chosen as TV mode only and any scrambled channels will be unscrambled through decoder connected your TV via EXT-2 output.

Setting VCR (Video Cassette Recorder) Mode

- This item can be seen in **TV**, **EXT-1**, **EXT-2**, **EXT-3** and **EXT-4** modes.
- If you want to watch a **VCR** source from one of these modes, then it will be better to set **VCR** mode “on”. For this, while the cursor is on this item press the “◀” or “▶” buttons to set it “On”.
- If you want to watch a **DVD**, then you must set this item “off”; because **DVD** is not a source like a **VCR** and to see the picture better, you must set the **VCR** mode “Off”.

To Store Settings

- Press “◀” / “▶” or “OK” button on **Store** option to store Install menu settings.
- After stored, T-V Link menu will appear. If you do not need to do T-V Link, select Cancel and press “▶” or “OK” button to exit the menu.

Program Menu

Press “**MENU**” button, now you are in main menu. In the main menu, select “**Program**” using “▲” or “▼” button. Then enter the Programme menu by pressing “◀” / “▶” or “OK” button.

Note: There is no Program menu in any EXT modes.

| Program | | P01 |
|--------------|-------|-----------|
| ▶ 01 | BBC | 11 |
| 02 | RTL | 12 |
| 03 | XXXXX | 13 |
| 04 | ----- | 14 |
| 05 | ----- | 15 |
| 06 | ----- | 16 |
| 07 | ----- | 17 |
| 08 | ----- | 18 |
| 09 | ----- | 19 |
| 10 | ----- | 20 |
| Name | | Insert |
| Delete | | Autostore |
| i : T-V Link | | |

Program Menu is used to delete a channel, to change the programme number of a channel, to give a channel name to a channel, and to start the A.P.S (Autostore) function.

To choose a channel in the Program menu

Press ▲ / ▼ / ◀ / ▶ buttons.

Caution:

Using "Delete" or "Insert" function rewrite the current channel list in the Program menu. Therefore, the programme numbers of some of channels will change.

When you complete the settings of Program menu:

If you have a T-V Link compatible VCR, press "i" button to display the T-V Link menu. Then follow the operating procedure "Downloading the data to VCR"

| T - V Link | |
|--------------------|----------|
| DOWNLOAD TV -> VCR | |
| ▶ | Continue |
| | Cancel |

If you do not have a T-V Link compatible VCR, select Cancel and press "▶" or "OK" button to exit the menu.

To give a channel name (Name):

1. Choose the channel you want to give a channel name.
2. Press the RED button to enter the Name mode.
3. Press "◀" or "▶" button to choose the position and press "▲" or "▼" button to choose

each character of channel name.

4. Press the RED button to store the channel name.

- To cancel the Name mode, press the BLUE button.

To delete a channel (Delete):

1. Choose the channel you want to delete.
 2. Press the YELLOW button to enter the Delete mode.
 3. Press the YELLOW button to delete it.
- To cancel the Delete mode, press the BLUE button.

To change the programme number of a channel (Insert)

1. Choose the channel you want to change the programme number.
2. Press the GREEN button to enter the Insert mode.
3. Press ▲ / ▼ / ◀ / ▶ buttons to choose new programme number.
4. Press the GREEN button to insert the channel to the chosen programme number.

Autostore:

To enter Autostore menu, press the BLUE button. To learn the features of this function see "Autostore" below.

Autostore, searches and stores all channels automatically on your TV, according to the transmission of programme systems in your area.

| Warning | |
|--|--------|
| All Prestored Programmes Will Be Deleted | |
| ▶ Country | UK |
| OK | Cancel |

First of all choose the "Country" by using "◀" or "▶" button.

After Autostore is finalized, a programme list will appear on the screen. In the program list you will see the programme numbers and names assigned to the programmes.

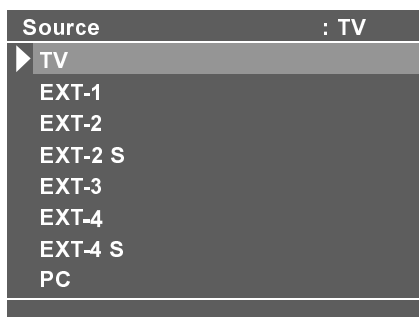
If you do not accept the locations and/or the programme names of programmes, you can change them in **Programme** menu.

Source Menu

You can switch your TV to EXT modes by pressing directly to “**AV**” button or by selecting in source menu from the main menu.

While in EXT mode, you can also switch your TV to TV or other EXT modes by selecting in source menu from the main menu.

In main menu, firstly use “▲” or “▼” button then use “◀” / “▶” or “OK” button to enter Source menu. In source menu, move the cursor by “▲” or “▼” button and then press “OK” button or “◀” / “▶” buttons when the cursor is on the required item. The selected mode comes automatically on the screen.



Other Features

TV Status

Programme Number, Programme Name (or **EXT**), (they are displayed on the upper left of the screen). The **sound indicator** is displayed with them too. They are displayed after programme change for 3 seconds.

Sound Indicator

The alternatives of the indicator are Mono, Stereo, Dual I and Dual II. This indicator is displayed under the programme number indicator on the screen. “**I-II**” button is used to select Mono or Stereo, or Dual I or Dual II.

Mono

In Mono broadcast or in forced-mono (for stereo broadcast).

Stereo

In Stereo broadcast.

Dual I

If dual broadcast detected. Dual I is selected in default and also can be selected after Dual II by Remote Control.

Dual II

If Dual II is selected by Remote Control.

Hyper Sound

By selecting Hyper Sound in sound menu or by pressing the “⊕⊖” button on your remote control, Pseudo/Spatial effect can be turned on or off. In Mono transmission the left and right channels will be added at left channel and dummy stereo effect will be introduced to end-user.

In stereo transmission it yields a phase difference between left and right channels. Hyper Sound selection will be displayed on the screen when the TV Status button is pressed or programme is changed.



Picture Mode

Picture mode OSD is displayed when BLUE button is pressed. Picture mode can be changed to standard, soft, and bright.

Sleep Timer

Sleep Timer mode OSD is displayed when YELLOW button is pressed.

The Sleep Timer is used to turn the TV off after a defined period of time after selecting this item. The timer can be programmed between Off and 120 minutes in steps of 10 minutes. (Off, 010, 020, 030, 040, ... , 120)

If sleep timer is activated, at the end of the selected time, the TV goes automatically to stand-by mode.

Mute Indicator

It is placed in the upper middle of the screen when enabled, and it stays there until it is disabled.



To cancel mute, there are two alternatives; the first one is by pressing the "X" button, this volume is set to the preceding value, and the second one is increasing or decreasing the volume level.

No-Signal Detection (TV mode)

If no valid signal detected, it takes 5 minutes to switch to the Stand-By mode unless any signal detected or any Remote Control command is accessed.

After a Remote Control command (if No-Signal Timer is active) the timer stops and if no signal detected again the timer is initialized to 5 minutes and starts 3 seconds later again to count down.

It is not valid in EXT modes.

No-Signal and Out Of Range Detection (PC mode)

In PC Mode, as no menu is displayed, in case that there is no PC input to the TV, it is displayed an OSD message:

No input signal detected

then the TV will turn to be in PC standby mode. In PC standby mode, the green lamp blinks.

Press "AV" button, digit buttons or "P V" / "P ^" buttons to exit standby mode.

In PC Mode, if the resolution and the vertical frequency is not supported by the concept, it is displayed an OSD message:

Signal out of range

Volume Bar

It is displayed in the lower middle of the screen. When a volume command is received (pressing "▲ +" or "▲ -" by Remote Control or Control panel on the right side of the TV) and no menu is active, it stays on the screen for 3 seconds, after the last volume command or until another command is received in between.



EXT Modes

By pressing the "AV" button you can switch your TV to EXT modes (except being in Tele-text). Pressing this button consecutively will switch the TV in one of the optional EXT modes: EXT-1, EXT-2, EXT-2 S, EXT-3, EXT-4, EXT-4 S and PC.

In order to quit the EXT mode press any digit buttons or "P V" or "P ^".

Zoom Modes

Zoom mode can be changed by pressing the Red button. You can change the screen size according to the picture aspect ratio. Select the optimum one from the following **ZOOM** modes.

AUTO:

When a **WSS (Wide Screen Signalling)** signal, which shows the aspect ratio of the picture, is included in the broadcast signal or the signal from an external device, the TV automatically changes the **ZOOM** mode to **16:9 ZOOM** mode, **PANORAMIC** or **FULL** mode according to the **WSS** signal.

- When the **AUTO** mode does not function correctly due to poor **WSS** signal quality or when you want to change the **ZOOM** mode, change to another **ZOOM** mode manually.

Using the different screen formats

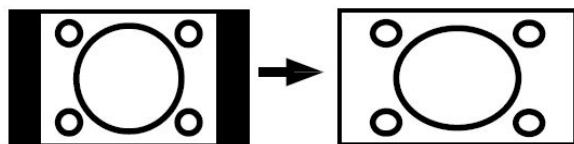
Press the Red button to select the different modes: **AUTO**, **FULL**, **REGULAR**, **PANORAMIC**, **14:9 ZOOM**, **16:9 ZOOM**, **16:9 ZOOM SUBTITLE** modes.

You can change the position of the picture in Zoom modes, except Full and Regular modes, by pressing the “▲” or “▼” button.

Note: You can only choose **REGULAR** and **FULL** in **PC** mode.

FULL:

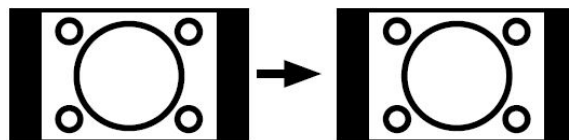
This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen.



- For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), use the **FULL** mode to restore the picture to its original shape.

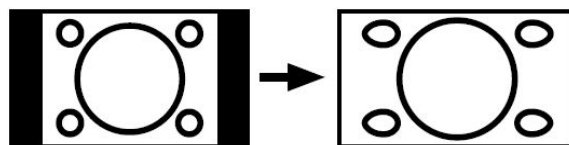
REGULAR:

Use to view a normal picture (4:3 aspect ratio) as this is its original shape.



PANORAMIC:

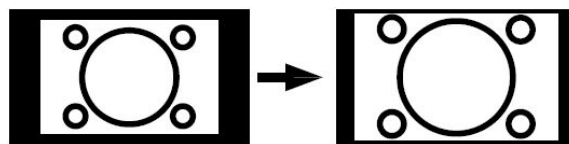
This stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the screen, without making the picture appear unnatural.



The top and bottom of the picture are slightly cut off.

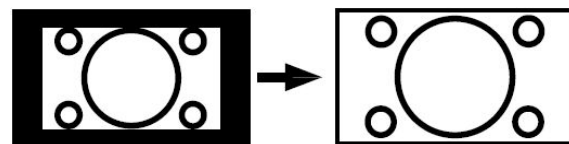
14:9 ZOOM:

This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen.



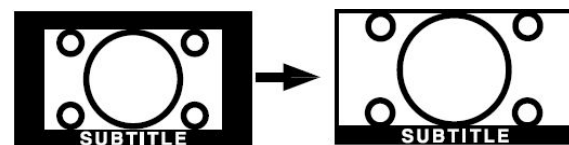
16:9 ZOOM:

This zooms up the wide picture (16:9 aspect ratio) to the full screen.



16:9 ZOOM SUBTITLE:

This zooms up the wide picture (16:9 aspect ratio) with subtitles to the full screen.

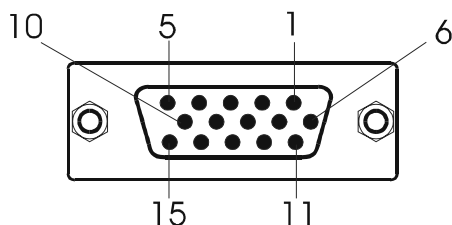


PC Mode

Installation

- Power off both Computer and Display before making any connections.
- Set your PC's resolution correctly before connecting to the TV. See the table in **page 29** for supported modes.
- Use a D-SUB cable to connect the TV's PC input to the computer's RGB output terminal. If you want to listen to the sound from the computer, use an audio cable to connect the PC AUDIO IN to the computer's sound output terminal.

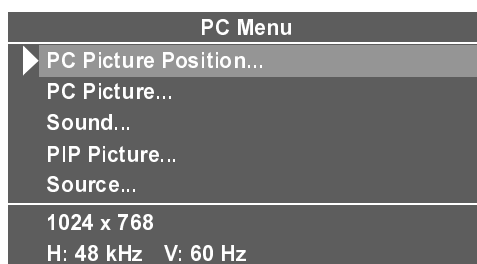
15 Pin Mini D-Sub Connector



- Tighten the screws of the Display cable until the connectors are fastened securely (finger-tighten only).

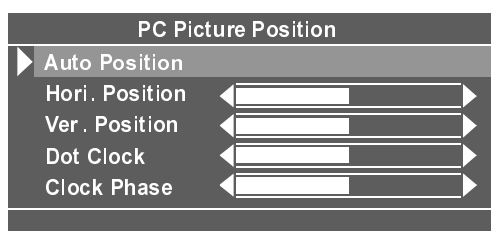
Main Menu in PC mode

Enter the main menu by pressing the **"MENU"** button on the remote control.



PC Picture Position Menu

In the Main menu, select **"PC Picture Position"** using **"▲"** or **"▼"** button, then enter the menu by pressing **"◀"** / **"▶"** or **"OK"** buttons.



Auto Position

If you shift the picture horizontally or vertically to an unwanted position, use this item to put the picture into correct place automatically.

- Select Auto position item by using **"▲"** or **"▼"** buttons.
- Press **"OK"** button.
- Press **"MENU"** button or **"BACK"** button to store the value.

Warning: Auto position adjustment recommended to be done with the full screen image for the proper adjustment.

Horizontal Position

This item shifts the image horizontally to right hand side or left hand side of the screen.

- Select Hor. Position item by using **"▲"** or **"▼"** button.
- Use **"◀"** or **"▶"** button to adjust the value.
- Press **"MENU"** button or **"BACK"** button to store the value.

Vertical Position

This item shifts the image vertically towards the top or bottom of the screen.

- Select Ver. Position item by using **"▲"** or **"▼"** button.
- Use **"◀"** or **"▶"** button to adjust the value.
- Press **"MENU"** button or **"BACK"** button to store the value.

Dot Clock

Dot Clock adjustments correct interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.

- Use **"◀"** or **"▶"** button to adjust the value.

Clock Phase

Depending on the resolution and scan frequency that you input to the TV Set, you may see a muddy or noisy picture on the screen. In such a case you can use this item to get a clear picture by trial and error method.

- Use **"◀"** or **"▶"** button to adjust the value.

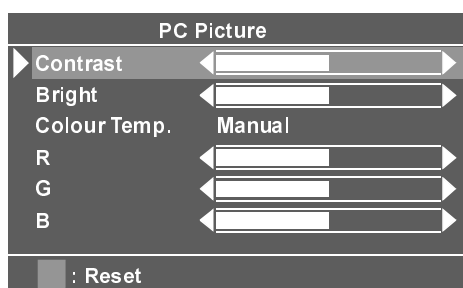
PC Picture Menu

In the Main menu, select “**PC Picture**” using “▲” or “▼” button, then enter the PC Picture menu by pressing “◀” / “▶” or “OK” buttons.

Contrast, Bright-1 and Colour Temperature adjustments in this menu are identical to adjustments defined in TV picture menu.

R, G and B adjust the TV image colour in PC mode. You can change the TV colour to your desired colour: R (Red), G (Green), B (Blue)

Press the BLUE button to reset the PC picture settings to default factory settings.



Sound Menu

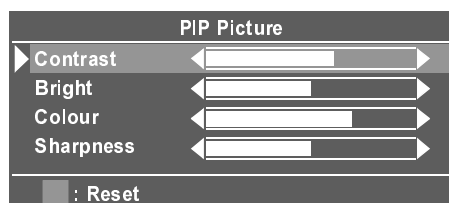
In the main menu select “**Sound**” using “▲” or “▼” button, then enter the Sound menu by pressing “◀” / “▶” or “OK” buttons.

The items in this menu are described at Sound menu starting **page 16**.

PIP Picture

In the Main menu, select “**PIP Picture**” using “▲” or “▼” button, then enter the PIP Picture menu by pressing “◀” / “▶” or “OK” buttons.

This menu is displayed when PIP is displayed on the screen and otherwise “PIP No Signal” message will be displayed at the bottom of menu.



PIP picture is displayed on the screen with “◻” button. PIP position is changed by “◻” button. There are four different PIP positions.

PIP size is changed by “◻” button. Two different PIP sizes are available.

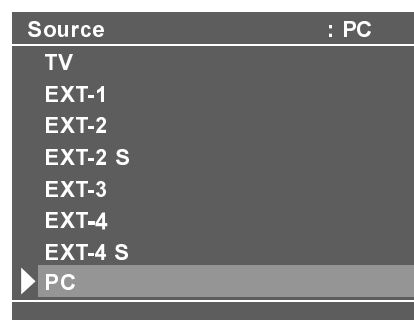
Programme in the PIP window is increased / decreased by “P∨ / P∧”, digit buttons or AV button. All EXT modes (except EXT-3) are also available in PIP window. PIP window is removed from the screen by “◻” button.

Press the BLUE button to reset the PIP picture settings to default factory settings.

The items in this menu are described at Picture menu starting page 14.

Source Menu

In the Main menu, select “**Source**” using “▲” or “▼” button, then enter the Source menu by pressing “◀” / “▶” or “OK” buttons.



Select the available sources of TV, EXT-1, EXT-2, EXT-2 S, EXT-3, EXT-4, EXT-4 S or PC using “▲” or “▼” button and by pressing “◀” / “▶” or “OK” buttons.

Sound in PC mode


- Connect the PC's Audio output to the TV's **PC Audio In** socket with an audio cable.
- On your remote control, use “🎵” button to select sound source from TV, EXT-1, EXT-2, EXT-3, EXT-4 and PC options.
- When PIP is displayed on the screen, “🎵” allows you to switch sound between PC and selected PIP source.

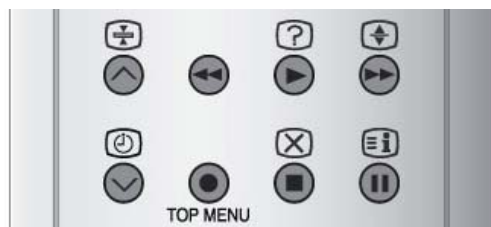
Teletext

Teletext is an information system that displays text on your TV screen. Using the Teletext information system you can view a page of information on a subject that is available in the list of contents (index).

On screen display is not available in text mode. Contrast, brightness or colour control is not available, but volume control is available in text mode.

To operate Teletext



- Select a TV station on which Teletext is being transmitted.
- Press (TELETEXT) “” button. Usually the list of contents (index) is displayed on the screen.




To select a page of Teletext

- Press the appropriate digit buttons for the required Teletext page number.


The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located, so that the desired page is displayed on the screen.


- Press “**P** ” button to move the Teletext screen forward one page at a time.
- Press “**P** ” button to move the Teletext screen backward one page at a time.

To Select Index Page




- To select the page number of the index (generally page 100), press “” button.

Searching for a teletext page while watching TV



- In the Teletext mode pressing “” button will switch the screen to the TV mode. In the TV mode enter a page number using digit

buttons. The page will be searched and the page number will be displayed on the upper left corner of the screen when the selected page is found. Now you can display this teletext page by pressing “” button.

To Select Double Height Text



- Press “” button for the top half of the information page to be displayed in double height text.
- Press “” button again for the bottom half of the information page to be displayed in double height text.
- Press “” button once more for the full page of normal height text.

To Reveal “concealed” Information

- Pressing “” button once will reveal answers on a quiz or games page.
- Pressing “” button again will conceal the revealed answers.



To Stop Automatic Page Change

The teletext page you have selected may contain more information than what is on the screen; the rest of the information will be displayed after a period of time.


- Press “” button to stop the automatic page change.
- Press “” button again to allow the next page to be displayed.

To Select a Subcode Page


Subcode pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time.

- Select the required Teletext page.
- Press “” button.
- Select the required subcode page number by pressing four digit buttons (e.g. 0001).
- If the selected subcode page is not displayed in a short time, press “” button. TV programme will be displayed on the screen.
- Teletext page number will be displayed on the upper left corner of the screen when the

selected page is found.



- Press “” button to display the selected Teletext page.

To exit Teletext

- Press “” button. The screen will switch to TV mode.

Fastext and Toptext

Your TV supports the 7 page Teletext system. When the page number of any of the 7 pages in memory is entered, the system will not search for the requested page; instead it will display the page automatically.

- Press “**P**” button to move the Teletext screen forward one page at a time.
- Press “**P**” button to move the Teletext screen backward one page at a time.

For Fastext and Toptext



The subject-heading for the information may have a particular colour.

- Press an appropriate **RED**, **GREEN**, **YELLOW** or **BLUE** button in order to reach the relevant page quickly.

For TOPTTEXT

If Toptext transmission is present, colour coded buttons will appear in status row.

If Toptext transmission is not present, status row will not appear.

In Toptext mode the “**P**” or “**P**” commands will request the next or previous page respectively. If Toptext transmission is not available, in case of operation of these commands, wraparound occurs. For example page 100 appears to be one greater than page 199.

Peripheral Equipment Connections

There is a wide range of audio and video equipment that can be connected to your TV.

Connection diagrams at the end of this section show you where the different equipment should be connected at the back side of the TV.

Via the Euroconnector

Your TV set has 2 Euroconnector sockets. If you want to connect peripherals (e.g. video, decoder, etc.) which have Euroconnectors, to your TV, use **SCART** input.

If an external device is connected via the Euroconnector socket, the TV is switched to AV mode automatically. In this case if both sockets are connected **SCART1** has the precedence.

T-V Link compatible VCR

Be sure to connect the T-V Link compatible VCR to the **EXT.2** terminal. If not, the T-V Link function will not work properly.

- When connecting a T-V Link compatible VCR to the **EXT.2** terminal, be sure to connect the decoder to the VCR. If not, the **T-V Link** function may not work properly. And then set the **DECODER(EXT-2)** function for the channel to **ON** to unscramble a scrambled channel.

RGB mode

If an equipment can output the **RGB** signals, connect it to the **EXT-1** or **EXT-2** terminal.

EXT-2 S Mode

If the equipment connected to your TV set supports S-Video (Y/C) output from Euroconnector, you can have a better picture quality by selecting **EXT-2 S** mode and connecting your equipment to the **EXT.2 (EXT-2 S)** terminal of TV. See your equipment's booklet to check if your equipment has such feature.

Via the RCA jacks

If you have an equipment (such as a Camcorder) which has the RCA jacks, connect it to the **EXT-4** terminal with the video and audio cables.

If you have a device which outputs component signal, connect it to the EXT-3 terminal with a component video cable.

Via the ANT (aerial) socket

If your equipment does not have an Euroconnector or RCA jacks, connect it to the TV with an aerial cable. For details, see the manual provided with the equipment.

- To store the test signal that comes from the equipment, see “Install Menu” on **page 17** and store it to the program number 0. You can watch images from that equipment to select the program number which you stored the test signal.

Decoder

Cable TV offers you a wide choice of programmes. Most of them are free, others are to be paid for by the viewer. This means that you will need to subscribe to the broadcasting organisation whose programmes you wish to receive. This organisation will supply you a corresponding decoder unit to allow the programmes to be unscrambled.

For further information ask your dealer. See also the booklet supplied with your decoder.

Connect a decoder with an aerial socket to the TV

- Connect the aerial cable.

Connect a decoder without an aerial socket to the TV

- Connect the decoder to your TV with a eurocable (RCA Jack Cable) to **EXTERNAL** (RCA Jack) (optional). When your decoder has a Euroconnector / RCA Jack you can obtain better picture quality if you connect a eurocable (RCA Jack Cable) to **EXTERNAL** (RCA Jack) (optional).

TV and Video Recoder (VCR)

- Connect the Video Recorder to the ANT (antenna input) socket of the TV with the aerial cable.
- Connect the Video Recorder to the **EXT-1** or **EXT-2** terminal with the SCART cable, or connect it to the **EXT-4** terminal with the audio and video cables.

NTSC Playback

Connect a NTSC video recorder to a terminal. Then press “AV” button to select the corresponding AV mode.

NTSC 3.58/4.43 system is detected automatically in AV mode.

Camera and Camcorder

To connect to the EXT-4 terminal

Connect your camera or camcorder at the back side of your TV.

- Connect your equipment to the TV via **VIDEO** (yellow), **AUDIO R** (red) and **AUDIO L** (white) inputs. You should connect the jacks to the input in the same colour.

Connect the decoder to the video recorder

Some video recorders have a special euroconnector for decoder.

- Connect an eurocable to the euroconnector of your decoder and to the special euroconnector of your video recorder. See also the handbook of your video recorder.
- To connect your video recorder to the TV, see TV and Video Recorder section.

If you want to connect more equipment to your TV, consult your dealer.

Connecting Headphones

Use the stereo headphone socket on the right side of your TV, to connect headphones.

Connecting the PC

Connect PC monitor with 15-pin PC cable to the 15-pin connector on the rear of the computer. For detailed installation procedure see **Installation** in PC mode.

To connect to S-Video input

Connect your camera or camcorder at the back side of your TV.

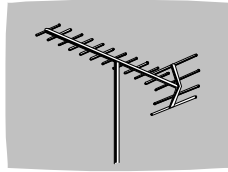
- Connect your equipment to the TV via S-Video input at the back side by using S-Video cables.

Antenna Connections

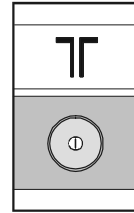
Outdoor Antenna Connections

VHF antenna

Method 1



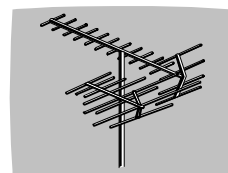
Round 75 ohm coaxial cable



Rear of TV

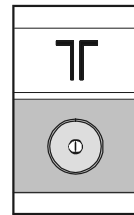
VHF/UHF antenna

Method 2



Flat 300-ohm twin lead cable

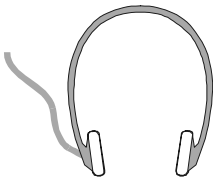
Round 75-ohm coaxial cable



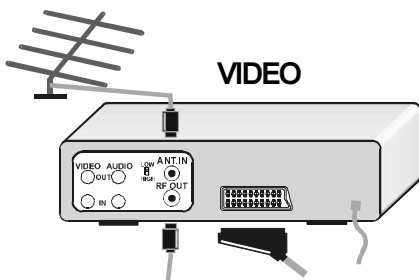
Rear of TV

Peripheral Equipment Connections

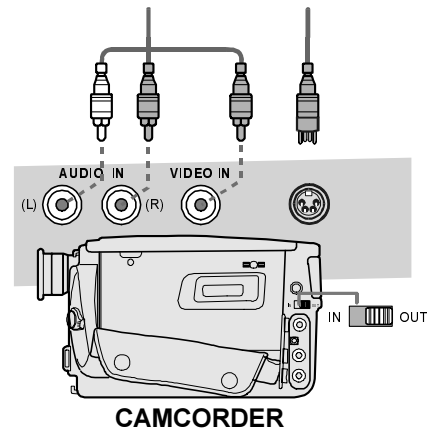
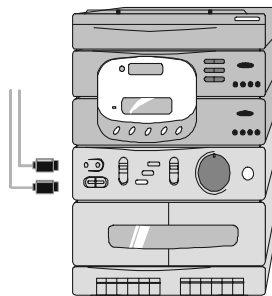
HEADPHONE



VIDEO

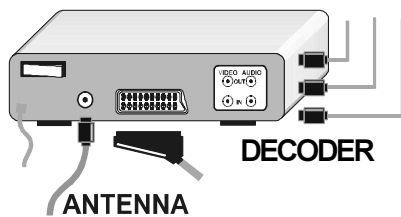


AUDIO



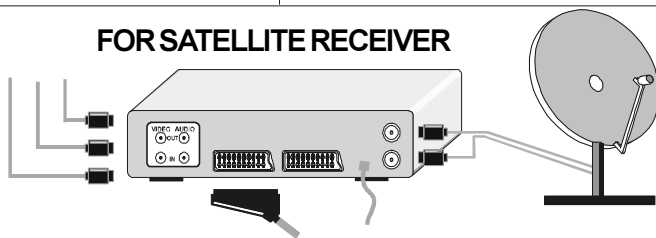
CAMCORDER

DECODER



ANTENNA

FOR SATELLITE RECEIVER



PC Input Typical Display Modes

The display has a maximum resolution of 1360 x 768, vertical sync. frequency range of 50-75 Hz and a horizontal sync. frequency range of 30-69 KHz.

The following table is an illustration of some of the typical video display modes.

| <i>Mode</i> | <i>Resolution</i> | | <i>Frequency</i> | |
|-------------|-------------------|-----------------|-------------------|------------------|
| | <i>Horizontal</i> | <i>Vertical</i> | <i>Hor. (kHz)</i> | <i>Ver. (Hz)</i> |
| 1 | 640 | 400 | 31.5 | 70 |
| 2 | 640 | 480 | 31.5 | 60 |
| 3 | 640 | 480 | 37.9 | 72 |
| 4 | 640 | 480 | 37.5 | 75 |
| 5 | 720 | 400 | 31.5 | 70 |
| 6 | 800 | 600 | 35.2 | 56 |
| 7 | 800 | 600 | 37.9 | 60 |
| 8 | 800 | 600 | 48.1 | 72 |
| 9 | 800 | 600 | 46.9 | 75 |
| 10 | 1024 | 768 | 48.4 | 60 |
| 11 | 1024 | 768 | 56.5 | 70 |
| 12 | 1024 | 768 | 60.0 | 75 |
| 13 | 1280 | 720 | 44.6 | 60 |
| 14 | 1280 | 768 | 47.6 | 60 |
| 15 | 1360 | 768 | 47.6 | 60 |

The native resolution of the TFT-LCD Panel is 1366 x 768. Therefore using Mode 15 is advised to get the best PC input display quality.

Tips

Can not turn the TV on?

Check that TV/VCR/DVD switch is set to TV position.

TV may go to standby mode when you turn the TV on soon after you turn the TV off. If you can turn the TV on again, it is not a problem.

Can not turn the TV off?

Check that TV/VCR/DVD switch is set to TV position.

Care of the Screen

Clean the screen with a slightly damp, soft cloth. Do not use abrasive solvents as they may damage the TV screen coating layer.

Colors of image on screen are abnormal

Have you selected the correct TV system? Is your TV set or house aerial located too close to the loudspeakers, non-earthed audio equipment or neon lights, etc. ?

Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial.

Is the picture or Teletext unrecognisable? Check if you have entered the correct frequency.

The picture quality may degrade when two peripherals are connected to the TV at the same time. In such a case, disconnect one of the peripherals.

No Image on Display Screen

Is the aerial connected properly? Are the plugs connected tightly to the aerial socket? Is the aerial cable damaged? Are suitable plugs used to connect the aerial? If you are in doubt, consult your dealer.

No Image means that your TV is not receiving any transmission. Have you pressed the correct buttons on the remote control? Try once more.

PC Picture

If no PC picture appears, check that the D-SUB cable is connected properly. Check that your PC's resolution set correctly. See **page 29** for supported modes.

Sound

You can not hear any sound. Did you perhaps interrupt the sound by pressing "~~X~~" button? Are external speakers connected to the TV?

Sound is coming from only one of the speakers. Is the balance set to one direction extreme? See **Sound** menu.

Remote Control

If your TV no longer responds to the remote control, perhaps the batteries are exhausted. Replace the batteries.

Have you selected the wrong menu? Press "**MENU**" button to return to normal screen or press "**BACK**" button to return to the previous menu.

No solution

Switch your TV set off and on. If this does not work, switch off, remove the mains plug and call the service personnel; never attempt to repair it yourself.

Specifications

| Item | Model | LT-26B60BU | LT-26B60SU |
|---------------------------|-------|---|------------|
| Broadcasting Systems | | PAL SECAM BG, DK, I, L, Lp | |
| Channels and Frequencies | | VHF (VL) 46,25 MHz - 168,25 MHz VHF (VH) 175,25 MHz - 463,25 MHz UHF 471,25 MHz - 863,25 MHz Cable TV (S1-S20/S21-S41) | |
| Input Signal | | Video: Analog 0,7 Vp-p 75 ohm positive Sync: TTL Level positive or negative, Seperate sync. | |
| Horizontal Timing | | 30 - 69 KHz | |
| Vertical Timing | | 50 - 75 KHz | |
| Dot Rate | | 78.75 MHz max. | |
| Panel Size | | 26" (600 mm) (measured diagonally) | |
| Visible Picture Size | | 566 mm horizontal x 340 mm vertical | |
| Display Resolution | | 1366 x 768 max. (WXGA) | |
| Number of Preset Channels | | 100 | |
| Channel Indicator | | On Screen Display (OSD) | |
| RF Aerial Output | | 75 Ohm (unbalanced) | |
| Power Requirements | | 220-240 V AC, 50 Hz | |
| Power Consumption (W) | | 140 W (max) / STANDBY <3W | |
| Sound Systems | | German, Nicam Stereo | |
| Audio Output | | 2 x 8 W _{RMS} (%10 THD) | |
| EXT-1 Terminal | | Euroconnector (21-pin, SCART 1) (back of the cabinet) • Video Input, Audio L/R Inputs and RGB inputs are available. • TV broadcast outputs (Video and Audio L/R) are available. | |
| EXT-2 Terminal | | Euroconnector (21-pin, SCART 2) (back of the cabinet) • Video Input, S-VIDEO (Y/C) input, Audio L/R and RGB inputs are available. • Video and Audio L/R outputs are available. • T-V Link functions are available. | |
| EXT-3 Terminal | | RCA connectors x 5 (back of the cabinet) • Component video (Pr, Pb, Y) inputs and Audio L/R inputs are available. | |
| EXT-4 Terminal | | RCA connectors x 3 (side of the cabinet) S-VIDEO connector x 1 (side of the cabinet) • Video input, S-VIDEO (Y/C) input and Audio L/R inputs are available. | |
| AUDIO OUT Terminal | | RCA connectors x 3 • Audio L/R outputs are available. • Subwoofer out is available. | |
| PC IN terminal | | Analog RGB D-SUB 15 x 1 • PC signal is available (refer to page 29 for details of the signals which can be input) | |
| PC AUDIO IN terminal | | Stereo mini-jack (3.5 mm diameter) | |
| Dimensions (W x H x D) | | 703 mm x 578 mm x 223 mm 703 mm x 523 mm x 98 mm (TV only) | |
| Weight | | 13 kg (with stand) / 11.4 kg (TV only) | |
| Accessories | | Remote control unit x 1 (RM-C1860) / AA/R6 dry cell battery x 2 Power cord x 1 | |
| Headphone jack | | Stereo mini-jack (3.5 mm diameter) | |

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

| RESISTORS | | CAPACITORS | |
|-----------|--|-----------------|---|
| CR | Carbon Resistor | C CAP. | Ceramic Capacitor |
| FR | Fusible Resistor | E CAP. | Electrolytic Capacitor |
| PR | Plate Resistor | M CAP. | Mylar Capacitor |
| VR | Variable Resistor | CH CAP. | Chip Capacitor |
| HV R | High Voltage Resistor | HV CAP. | High Voltage Capacitor |
| MF R | Metal Film Resistor | MF CAP. | Metalized Film Capacitor |
| MG R | Metal Glazed Resistor | MM CAP. | Metalized Mylar Capacitor |
| MP R | Metal Plate Resistor | MP CAP. | Metalized Polystyrol Capacitor |
| OM R | Metal Oxide Film Resistor | PP CAP. | Polypropylene Capacitor |
| CMF R | Coating Metal Film Resistor | PS CAP. | Polystyrol Capacitor |
| UNF R | Non-Flammable Resistor | TF CAP. | Thin Film Capacitor |
| CH V R | Chip Variable Resistor | MPP CAP. | Metalized Polypropylene Capacitor |
| CH MG R | Chip Metal Glazed Resistor | TAN. CAP. | Tantalum Capacitor |
| COMP. R | Composition Resistor | CH C CAP. | Chip Ceramic Capacitor |
| LPTC R | Linear Positive Temperature Coefficient Resistor | BP E CAP. | Bi-Polar Electrolytic Capacitor |
| | | CH AL E CAP. | Chip Aluminum Electrolytic Capacitor |
| | | CH AL BP CAP. | Chip Aluminum Bi-Polar Capacitor |
| | | CH TAN. E CAP. | Chip Tantalum Electrolytic Capacitor |
| | | CH AL BP E CAP. | Chip Tantalum Bi-Polar Electrolytic Capacitor |

| RESISTORS | | | | | | | | | |
|-----------|-----|-----|------|------|------|--------------|--------------|--------------|--------------|
| F | G | J | K | M | N | R | H | Z | P |
| ±1% | ±2% | ±5% | ±10% | ±20% | ±30% | +30% -10% | +50% -10% | +80% -20% | +100% -0% |

CONTENTS

| | |
|---|-------------|
| USING P.W. BOARD & REMOTE CONTROL UNIT | 3-2 |
| EXPLODED VIEW PARTS LIST | 3-3 |
| EXPLODED VIEW | 3-4 |
| PRINTED WIRING BOARD PARTS LIST | 3-5 |
| MAIN P.W. BOARD ASS'Y (VE-20224628) | 3-5 |
| POWER P.W. BOARD ASS'Y (VE-20221280) | 3-10 |
| SWITCH P.W. BOARD ASS'Y (VE-20219781) | 3-12 |
| SIDE CONTROL P.W. BOARD ASS'Y (VE-20211052) | 3-12 |
| AV JACK P.W. BOARD ASS'Y (VE-20230006) | 3-12 |
| LED P.W. BOARD ASS'Y (VE-20211058) | 3-12 |
| HEADPHONE P.W. BOARD ASS'Y (VE-20224791) | 3-12 |
| PACKING | 3-13 |
| PACKING PARTS LIST | 3-14 |

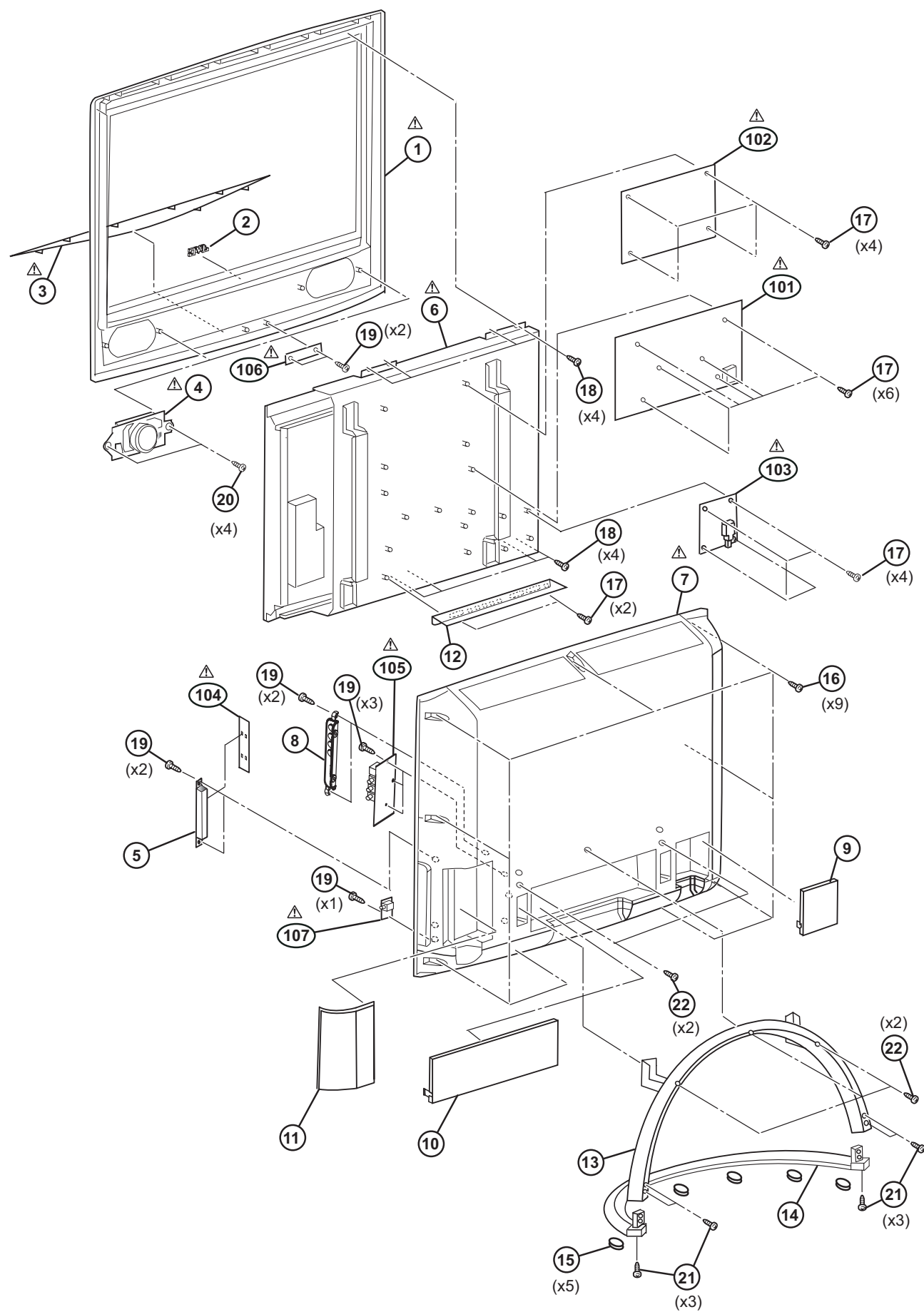
USING P.W. BOARD & REMOTE CONTROL UNIT

| P.W.B ASS'Y name | P.W.B ASS'Y No. | | | |
|---------------------|-----------------|------------|------------|------------|
| | LT-26B60BJ | LT-26B60BU | LT-26B60SJ | LT-26B60SU |
| MAIN P.W.B | VE-20224628 | ← | ← | ← |
| POWER P.W.B | VE-20221280 | ← | ← | ← |
| SWITCH P.W.B | VE-20219781 | ← | ← | ← |
| SIDE CONTROL P.W.B | VE-20211052 | ← | ← | ← |
| AV JACK P.W.B | VE-20230006 | ← | ← | ← |
| LED P.W.B | VE-20211058 | ← | ← | ← |
| HEADPHONE P.W.B | VE-20224791 | ← | ← | ← |
| REMOTE CONTROL UNIT | VE-30034032 | ← | ← | ← |

EXPLODED VIEW PARTS LIST

| △ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---------|-------------|--------------------|------------------|-----------------------|
| △ | 1 | VE-20221937 | FRONT COVER | | LT-26B60BJ,LT-26B60BU |
| △ | 1 | VE-20224626 | FRONT COVER | | LT-26B60SJ,LT-26B60SU |
| | 2 | VE-20181315 | LOGO JVC | | |
| △ | 3 | VE-20220250 | LENS | | |
| △ | 4 | VE-30033502 | SPEAKER | 8Ω 10W 2x5cm(x2) | |
| | 5 | VE-20170334 | FUNCTION BUTTON | | LT-26B60BJ,LT-26B60BU |
| | 5 | VE-20182421 | FUNCTION BUTTON | | LT-26B60SJ,LT-26B60SU |
| △ | 6 | VE-30039006 | LCD PANEL UNIT | | |
| △ | 7 | VE-20221938 | BACK COVER | | LT-26B60BJ,LT-26B60BU |
| △ | 7 | VE-20224625 | BACK COVER | | LT-26B60SJ,LT-26B60SU |
| | 8 | VE-20196493 | AV JACK BRACKET | | |
| | 9 | VE-20195273 | POWER SW COVER | | LT-26B60BJ,LT-26B60BU |
| | 9 | VE-20224622 | POWER SW COVER | | LT-26B60SJ,LT-26B60SU |
| | 10 | VE-20195272 | I/O TERMINAL COVER | | LT-26B60BJ,LT-26B60BU |
| | 10 | VE-20224623 | I/O TERMINAL COVER | | LT-26B60SJ,LT-26B60SU |
| | 11 | VE-20195271 | SIDE AV COVER | | LT-26B60BJ,LT-26B60BU |
| | 11 | VE-20224590 | SIDE AV COVER | | LT-26B60SJ,LT-26B60SU |
| | 12 | VE-20224816 | SCART DOOR | | |
| | 13 | VE-35013180 | FOOT TOP | | |
| | 14 | VE-35013179 | FOOT BOTTOM | | |
| | 15 | VE-40024515 | FOOT RUBBER | (x5) | |
| | 16 | VE-35008088 | SCREW | (M4x16)(x9) | |
| | 17 | VE-35000180 | SCREW | (M3x6)(x16) | |
| | 18 | VE-35013770 | SCREW | (M3.5x12)(x8) | |
| | 19 | VE-35008081 | SCREW | (M3x9.5)(x10) | |
| | 20 | VE-35008812 | SCREW | (M3x10)(x4) | |
| | 21 | VE-35007859 | SCREW | (M4x10)(x6) | |
| | 22 | VE-35003339 | SCREW | (M4x12)(x5) | |
| △ | 101 | VE-20224628 | MAIN PWB | | |
| △ | 102 | VE-20221280 | POWER PWB | | |
| △ | 103 | VE-20219781 | SWITCH PWB | | |
| △ | 104 | VE-20211052 | SIDE CONTROL PWB | | |
| △ | 105 | VE-20230006 | AV JACK PWB | | |
| △ | 106 | VE-20211058 | LED PWB | | |
| △ | 107 | VE-20224791 | HEADPHONE PWB | | |

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (VE-20224628)

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|---------------|------------|----------------------|-------|----------|-------------|-------------|-------------|-------|
| IC11 | VE-30013416 | IC | | | D306 | VE-30001285 | DIODE | | |
| IC100 | VE-30020865 | IC | | | D307 | VE-30001285 | DIODE | | |
| IC101 | VE-30032066 | IC | | | D500 | VE-30001285 | DIODE | | |
| IC102 | VE-30018006 | IC | | | D502 | VE-30024640 | DIODE | | |
| IC104 | VE-30019132 | IC | | | D600 | VE-30038475 | Z DIODE | | |
| IC105 | VE-30034805 | IC | | | D700 | VE-30038479 | Z DIODE | | |
| IC106 | VE-30017956 | IC | | | D701 | VE-30001285 | DIODE | | |
| IC107 | VE-30019372 | IC | | | D702 | VE-30001285 | DIODE | | |
| IC300 | VE-LT-26B60BJ | IC | (SERVICE) LT-26B60BJ | | D703 | VE-30001285 | DIODE | | |
| IC300 | VE-LT-26B60BU | IC | (SERVICE) LT-26B60BU | | D704 | VE-30038475 | Z DIODE | | |
| IC300 | VE-LT-26B60SJ | IC | (SERVICE) LT-26B60SJ | | D705 | VE-30038475 | Z DIODE | | |
| IC300 | VE-LT-26B60SU | IC | (SERVICE) LT-26B60SU | | D708 | VE-30038475 | Z DIODE | | |
| IC301 | VE-30013571 | IC | | | D709 | VE-30038475 | Z DIODE | | |
| IC302 | VE-20210911 | IC | (SERVICE) | | D710 | VE-30038475 | Z DIODE | | |
| IC400 | VE-30015059 | IC | | | D711 | VE-30038480 | Z DIODE | | |
| IC402 | VE-30004999 | IC | | | D712 | VE-30038480 | Z DIODE | | |
| IC403 | VE-30019372 | IC | | | D713 | VE-30038480 | Z DIODE | | |
| IC500 | VE-30021083 | IC | | | D714 | VE-30038480 | Z DIODE | | |
| IC600 | VE-30013686 | IC | | | D715 | VE-30038475 | Z DIODE | | |
| IC700 | VE-30018263 | IC | | | D716 | VE-30038480 | Z DIODE | | |
| IC701 | VE-30010024 | IC | | | D717 | VE-30038480 | Z DIODE | | |
| IC702 | VE-30027663 | IC | | | D719 | VE-30001285 | DIODE | | |
| IC800 | VE-30033062 | IC | | | D720 | VE-30038480 | Z DIODE | | |
| IC908 | VE-30014344 | TRANSISTOR | | | D721 | VE-30038480 | Z DIODE | | |
| IC909 | VE-30007739 | IC | | | D722 | VE-30038480 | Z DIODE | | |
| IC910 | VE-30007739 | IC | | | D723 | VE-30018574 | DIODE | | |
| | | | | | D905 | VE-30001285 | DIODE | | |
| | | | | | D906 | VE-30001285 | DIODE | | |
| Q100 | VE-30001457 | TRANSISTOR | | | C100 | VE-30012566 | CAPACITOR | 22pF 50V J | |
| Q101 | VE-30034725 | TRANSISTOR | | | C101 | VE-30012566 | CAPACITOR | 22pF 50V J | |
| Q103 | VE-30001457 | TRANSISTOR | | | C102 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q104 | VE-30001457 | TRANSISTOR | | | C104 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q105 | VE-30001457 | TRANSISTOR | | | C105 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q300 | VE-30001458 | TRANSISTOR | | | C106 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q301 | VE-30001457 | TRANSISTOR | | | C107 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q302 | VE-30001457 | TRANSISTOR | | | C108 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| Q303 | VE-30001457 | TRANSISTOR | | | C109 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| Q304 | VE-30001457 | TRANSISTOR | | | C110 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| Q305 | VE-30001457 | TRANSISTOR | | | C111 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| Q306 | VE-30001457 | TRANSISTOR | | | C112 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q307 | VE-30001457 | TRANSISTOR | | | C113 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| Q308 | VE-30001458 | TRANSISTOR | | | C114 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q309 | VE-30001457 | TRANSISTOR | | | C115 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| Q310 | VE-30001458 | TRANSISTOR | | | C116 | VE-30012590 | CAPACITOR | 47nF 50V K | |
| Q311 | VE-30001423 | TRANSISTOR | | | C117 | VE-30012590 | CAPACITOR | 47nF 50V K | |
| Q312 | VE-30001458 | TRANSISTOR | | | C118 | VE-30012590 | CAPACITOR | 47nF 50V K | |
| Q313 | VE-30001457 | TRANSISTOR | | | C120 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q314 | VE-30001457 | TRANSISTOR | | | C121 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q315 | VE-30001457 | TRANSISTOR | | | C122 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q316 | VE-30001457 | TRANSISTOR | | | C123 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q317 | VE-30001457 | TRANSISTOR | | | C124 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q318 | VE-30001458 | TRANSISTOR | | | C125 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q319 | VE-30001458 | TRANSISTOR | | | C126 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q400 | VE-30001457 | TRANSISTOR | | | C127 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q501 | VE-30001457 | TRANSISTOR | | | C128 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q502 | VE-30001457 | TRANSISTOR | | | C129 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q600 | VE-30001457 | TRANSISTOR | | | C130 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q601 | VE-30001457 | TRANSISTOR | | | C131 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q602 | VE-30001457 | TRANSISTOR | | | C132 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| Q603 | VE-30001457 | TRANSISTOR | | | C133 | VE-30012587 | CAPACITOR | 3.3nF 50V K | |
| Q700 | VE-30001458 | TRANSISTOR | | | C134 | VE-30012605 | CAPACITOR | 39nF 50V M | |
| Q701 | VE-30001457 | TRANSISTOR | | | C136 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q702 | VE-30001457 | TRANSISTOR | | | C137 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q703 | VE-30001457 | TRANSISTOR | | | C138 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| Q704 | VE-30001457 | TRANSISTOR | | | C139 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| Q708 | VE-30001458 | TRANSISTOR | | | C146 | VE-30000109 | CAPACITOR | 470nF 63V J | |
| Q709 | VE-30001457 | TRANSISTOR | | | C147 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q904 | VE-30001457 | TRANSISTOR | | | C148 | VE-30012575 | CAPACITOR | 4.7pF 50V C | |
| Q905 | VE-30001457 | TRANSISTOR | | | C149 | VE-30012575 | CAPACITOR | 4.7pF 50V C | |
| Q906 | VE-30001457 | TRANSISTOR | | | C150 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| Q907 | VE-30001457 | TRANSISTOR | | | C151 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| | | | | | C152 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| D100 | VE-30001285 | DIODE | | | C153 | VE-30012567 | CAPACITOR | 220pF 50V J | |
| D101 | VE-30001285 | DIODE | | | C154 | VE-30012567 | CAPACITOR | 220pF 50V J | |
| D103 | VE-30007169 | DIODE | | | C155 | VE-30012567 | CAPACITOR | 220pF 50V J | |
| D105 | VE-30007169 | DIODE | | | C156 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| D107 | VE-30007169 | DIODE | | | C157 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| D108 | VE-30025773 | Z DIODE | | | C158 | VE-30012567 | CAPACITOR | 220pF 50V J | |
| D109 | VE-30025773 | Z DIODE | | | C159 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| D111 | VE-30007169 | DIODE | | | C160 | VE-30012567 | CAPACITOR | 220pF 50V J | |
| D112 | VE-30007169 | DIODE | | | C161 | VE-30012567 | CAPACITOR | 220pF 50V J | |
| D114 | VE-30038472 | Z DIODE | | | C162 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| D300 | VE-30038493 | Z DIODE | | | C163 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| D301 | VE-30001285 | DIODE | | | C164 | VE-30012567 | CAPACITOR | 220pF 50V J | |
| D302 | VE-30001285 | DIODE | | | C165 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| D305 | VE-30001285 | DIODE | | | C166 | VE-30012567 | CAPACITOR | 220pF 50V J | |

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|-------------|-------------|--------------|-------|----------|-------------|-------------|-------------|-------|
| C167 | VE-30016654 | CAPACITOR | 100nF 16V K | | C436 | VE-30012570 | CAPACITOR | 330pF 50V J | |
| C168 | VE-30016654 | CAPACITOR | 100nF 16V K | | C437 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| C169 | VE-30012567 | CAPACITOR | 220pF 50V J | | C438 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C170 | VE-30012567 | CAPACITOR | 220pF 50V J | | C439 | VE-30012609 | CAPACITOR | 68nF 50V K | |
| C171 | VE-30016654 | CAPACITOR | 100nF 16V K | | C440 | VE-30000352 | E CAPACITOR | 100uF 16V M | |
| C172 | VE-30012567 | CAPACITOR | 220pF 50V J | | C441 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C174 | VE-30016654 | CAPACITOR | 100nF 16V K | | C442 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C175 | VE-30012567 | CAPACITOR | 220pF 50V J | | C443 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C176 | VE-30016654 | CAPACITOR | 100nF 16V K | | C485 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C177 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C486 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C178 | VE-30016654 | CAPACITOR | 100nF 16V K | | C487 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C183 | VE-30016654 | CAPACITOR | 100nF 16V K | | C488 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C185 | VE-30000352 | E CAPACITOR | 100uF 50V J | | C489 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C187 | VE-30012573 | CAPACITOR | 47pF 50V J | | C490 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C189 | VE-30016654 | CAPACITOR | 100nF 16V K | | C491 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C190 | VE-30016654 | CAPACITOR | 100nF 16V K | | C492 | VE-30000345 | E CAPACITOR | 10uF 50V M | |
| C217 | VE-30012581 | CAPACITOR | 1nF 50V K | | C493 | VE-30000294 | CAPACITOR | 100nF 50V K | |
| C218 | VE-30012575 | CAPACITOR | 4.7pF 50V C | | C494 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C219 | VE-30000392 | E CAPACITOR | 0.33uF 50V M | | C495 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C229 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C502 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C230 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C503 | VE-30000345 | E CAPACITOR | 10uF 50V M | |
| C231 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C505 | VE-30000400 | E CAPACITOR | 47uF 50V M | |
| C300 | VE-30000352 | E CAPACITOR | 100uF 16V M | | C506 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| C301 | VE-30016654 | CAPACITOR | 100nF 16V K | | C507 | VE-30012572 | CAPACITOR | 390pF 50V J | |
| C302 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C508 | VE-30000109 | CAPACITOR | 470nF 63V J | |
| C303 | VE-30016654 | CAPACITOR | 100nF 16V K | | C509 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| C304 | VE-30016654 | CAPACITOR | 100nF 16V K | | C510 | VE-30012566 | CAPACITOR | 22pF 50V J | |
| C305 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C511 | VE-30000109 | CAPACITOR | 470nF 63V J | |
| C306 | VE-30016654 | CAPACITOR | 100nF 16V K | | C512 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C307 | VE-30016654 | CAPACITOR | 100nF 16V K | | C513 | VE-30012583 | CAPACITOR | 1.5nF 50V K | |
| C308 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C514 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C309 | VE-30016654 | CAPACITOR | 100nF 16V K | | C515 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C310 | VE-30016654 | CAPACITOR | 100nF 16V K | | C517 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C311 | VE-30016654 | CAPACITOR | 100nF 16V K | | C519 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C312 | VE-30016654 | CAPACITOR | 100nF 16V K | | C520 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| C313 | VE-30016654 | CAPACITOR | 100nF 16V K | | C522 | VE-30000315 | CAPACITOR | 220nF 25V Z | |
| C314 | VE-30000109 | CAPACITOR | 470nF 63V J | | C523 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C315 | VE-30016654 | CAPACITOR | 100nF 16V K | | C524 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C316 | VE-30000352 | E CAPACITOR | 100uF 16V M | | C525 | VE-30000407 | E CAPACITOR | 470uF 16V M | |
| C317 | VE-30012569 | CAPACITOR | 33pF 50V J | | C526 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C318 | VE-30012569 | CAPACITOR | 33pF 50V J | | C527 | VE-30000345 | E CAPACITOR | 10uF 50V M | |
| C319 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C600 | VE-30000352 | E CAPACITOR | 100uF 16V M | |
| C320 | VE-30016654 | CAPACITOR | 100nF 16V K | | C601 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C321 | VE-30016654 | CAPACITOR | 100nF 16V K | | C602 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C324 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C603 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C325 | VE-30012611 | CAPACITOR | 120pF 50V J | | C604 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C326 | VE-30012576 | CAPACITOR | 56pF 50V J | | C605 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C327 | VE-30016654 | CAPACITOR | 100nF 16V K | | C606 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C328 | VE-30000393 | E CAPACITOR | 3.3uF 50V M | | C607 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C331 | VE-30012607 | CAPACITOR | 150pF 50V J | | C608 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C332 | VE-30016654 | CAPACITOR | 100nF 16V K | | C609 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C333 | VE-30016654 | CAPACITOR | 100nF 16V K | | C610 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C335 | VE-30016654 | CAPACITOR | 100nF 16V K | | C611 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C336 | VE-30012611 | CAPACITOR | 120pF 50V J | | C612 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C337 | VE-30016654 | CAPACITOR | 100nF 16V K | | C613 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C338 | VE-30016654 | CAPACITOR | 100nF 16V K | | C614 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C339 | VE-30016654 | CAPACITOR | 100nF 16V K | | C615 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C340 | VE-30020694 | CAPACITOR | 1uF 16V Z | | C700 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C400 | VE-30012609 | CAPACITOR | 68nF 50V K | | C701 | VE-30012587 | CAPACITOR | 3.3nF 50V K | |
| C401 | VE-30012583 | CAPACITOR | 1.5nF 50V K | | C702 | VE-30000352 | E CAPACITOR | 100uF 16V M | |
| C402 | VE-30012590 | CAPACITOR | 47nF 50V K | | C703 | VE-30012587 | CAPACITOR | 3.3nF 50V K | |
| C403 | VE-30016654 | CAPACITOR | 100nF 16V K | | C704 | VE-30012589 | CAPACITOR | 4.7nF 50V K | |
| C404 | VE-30012613 | CAPACITOR | 3.3pF 50V C | | C705 | VE-30012589 | CAPACITOR | 4.7nF 50V K | |
| C405 | VE-30012613 | CAPACITOR | 3.3pF 50V C | | C706 | VE-30012589 | CAPACITOR | 4.7nF 50V K | |
| C406 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C707 | VE-30012589 | CAPACITOR | 4.7nF 50V K | |
| C407 | VE-30012583 | CAPACITOR | 1.5nF 50V K | | C708 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C408 | VE-30012572 | CAPACITOR | 390pF 50V J | | C709 | VE-30000315 | CAPACITOR | 220nF 25V Z | |
| C409 | VE-30000345 | E CAPACITOR | 10uF 50V M | | C710 | VE-30000315 | CAPACITOR | 220nF 25V Z | |
| C410 | VE-30012590 | CAPACITOR | 47nF 50V K | | C711 | VE-30000315 | CAPACITOR | 220nF 25V Z | |
| C411 | VE-30012581 | CAPACITOR | 1nF 50V K | | C712 | VE-30000315 | CAPACITOR | 220nF 25V Z | |
| C412 | VE-30007082 | CAPACITOR | 680nF 63V J | | C713 | VE-30012576 | CAPACITOR | 56pF 50V J | |
| C413 | VE-30007082 | CAPACITOR | 680nF 63V J | | C714 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C414 | VE-30012582 | CAPACITOR | 10nF 50V K | | C715 | VE-30000393 | E CAPACITOR | 3.3uF 50V M | |
| C415 | VE-30000345 | E CAPACITOR | 10uF 50V M | | C716 | VE-30000345 | E CAPACITOR | 10uF 50V M | |
| C416 | VE-30012590 | CAPACITOR | 47nF 50V K | | C717 | VE-30000345 | E CAPACITOR | 10uF 50V M | |
| C420 | VE-30000294 | CAPACITOR | 100nF 50V K | | C718 | VE-30000345 | E CAPACITOR | 10uF 50V M | |
| C421 | VE-30000294 | CAPACITOR | 100nF 50V K | | C719 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C422 | VE-30000294 | CAPACITOR | 100nF 50V K | | C720 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C424 | VE-30016654 | CAPACITOR | 100nF 16V K | | C721 | VE-30012565 | CAPACITOR | 1.8pF 50V J | |
| C425 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C722 | VE-30012565 | CAPACITOR | 1.8pF 50V J | |
| C426 | VE-30012583 | CAPACITOR | 1.5nF 50V K | | C723 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C427 | VE-30012572 | CAPACITOR | 390pF 50V J | | C724 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C428 | VE-30012590 | CAPACITOR | 47nF 50V K | | C725 | VE-30012585 | CAPACITOR | 2.2nF 50V K | |
| C429 | VE-30012583 | CAPACITOR | 1.5nF 50V K | | C726 | VE-30012576 | CAPACITOR | 56pF 50V J | |
| C430 | VE-30012609 | CAPACITOR | 68nF 50V K | | C727 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C431 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C728 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C432 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C729 | VE-30012585 | CAPACITOR | 2.2nF 50V K | |
| C433 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C730 | VE-30012607 | CAPACITOR | 150pF 50V J | |
| C434 | VE-30012570 | CAPACITOR | 330pF 50V J | | C731 | VE-30012607 | CAPACITOR | 150pF 50V J | |
| C435 | VE-30012570 | CAPACITOR | 330pF 50V J | | C732 | VE-30000315 | CAPACITOR | 220nF 25V Z | |

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|-------------|-------------|-------------|-------|----------|-------------|-------------|-------------------|-------|
| C733 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C830 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C734 | VE-30016654 | CAPACITOR | 100nF 16V K | | C831 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C735 | VE-30012568 | CAPACITOR | 270pF 50V J | | C832 | VE-30012562 | CAPACITOR | 15pF 50V J | |
| C736 | VE-30000352 | E CAPACITOR | 100uF 16V M | | C841 | VE-30000092 | CAPACITOR | 220nF 63V J | |
| C737 | VE-30012589 | CAPACITOR | 4.7nF 50V K | | C842 | VE-30000092 | CAPACITOR | 220nF 63V J | |
| C738 | VE-30000352 | E CAPACITOR | 100uF 16V M | | C843 | VE-30000092 | CAPACITOR | 220nF 63V J | |
| C739 | VE-30000362 | E CAPACITOR | 1uF 50V M | | C844 | VE-30000092 | CAPACITOR | 220nF 63V J | |
| C740 | VE-30012568 | CAPACITOR | 270pF 50V J | | C846 | VE-30000407 | E CAPACITOR | 470uF 16V M | |
| C741 | VE-30012589 | CAPACITOR | 4.7nF 50V K | | C847 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C742 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C848 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C743 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C849 | VE-30012574 | CAPACITOR | 470pF 50V J | |
| C744 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C850 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C745 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C851 | VE-30012574 | CAPACITOR | 470pF 50V J | |
| C746 | VE-30012567 | CAPACITOR | 220pF 50V J | | C852 | VE-30012574 | CAPACITOR | 470pF 50V J | |
| C747 | VE-30012574 | CAPACITOR | 470pF 50V J | | C853 | VE-30012574 | CAPACITOR | 470pF 50V J | |
| C748 | VE-30012582 | CAPACITOR | 10nF 50V K | | C858 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C749 | VE-30016654 | CAPACITOR | 100nF 16V K | | C859 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C750 | VE-30012576 | CAPACITOR | 56pF 50V J | | C860 | VE-30012569 | CAPACITOR | 33pF 50V J | |
| C751 | VE-30000407 | E CAPACITOR | 470uF 16V M | | C863 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C752 | VE-30012585 | CAPACITOR | 2.2nF 50V K | | C875 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C753 | VE-30012585 | CAPACITOR | 2.2nF 50V K | | C876 | VE-30000352 | E CAPACITOR | 100uF 16V M | |
| C754 | VE-30012578 | CAPACITOR | 68pF 50V J | | C877 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C755 | VE-30012578 | CAPACITOR | 68pF 50V J | | C878 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C756 | VE-30012585 | CAPACITOR | 2.2nF 50V K | | C879 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C757 | VE-30012585 | CAPACITOR | 2.2nF 50V K | | C880 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C758 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C881 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C759 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C882 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C760 | VE-30012581 | CAPACITOR | 1nF 50V K | | C883 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C761 | VE-30012581 | CAPACITOR | 1nF 50V K | | C884 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C762 | VE-30012589 | CAPACITOR | 4.7nF 50V K | | C885 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C763 | VE-30012589 | CAPACITOR | 4.7nF 50V K | | C886 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C764 | VE-30012589 | CAPACITOR | 4.7nF 50V K | | C887 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C765 | VE-30012589 | CAPACITOR | 4.7nF 50V K | | C888 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C766 | VE-30016654 | CAPACITOR | 100nF 16V K | | C889 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C767 | VE-30012607 | CAPACITOR | 150pF 50V J | | C890 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C768 | VE-30012607 | CAPACITOR | 150pF 50V J | | C891 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C769 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C892 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C770 | VE-30000371 | E CAPACITOR | 22uF 50V M | | C893 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C771 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C894 | VE-30024768 | CAPACITOR | 470nF 16V Z | |
| C772 | VE-30012581 | CAPACITOR | 1nF 50V K | | C895 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C773 | VE-30000315 | CAPACITOR | 220nF 25V Z | | C896 | VE-30012581 | CAPACITOR | 1nF 50V K | |
| C774 | VE-30012581 | CAPACITOR | 1nF 50V K | | C900 | VE-30000354 | E CAPACITOR | 100uF 35V M | |
| C775 | VE-30000345 | E CAPACITOR | 10uF 50V M | | C904 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| C776 | VE-30000294 | CAPACITOR | 100nF 50V K | | C907 | VE-30000294 | CAPACITOR | 100nF 50V K | |
| C777 | VE-30000294 | CAPACITOR | 100nF 50V K | | C908 | VE-30000352 | E CAPACITOR | 100uF 16V M | |
| C778 | VE-30000294 | CAPACITOR | 100nF 50V K | | C909 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C779 | VE-30012567 | CAPACITOR | 220pF 50V J | | C911 | VE-30012582 | CAPACITOR | 10nF 50V K | |
| C780 | VE-30012582 | CAPACITOR | 10nF 50V K | | C912 | VE-30000352 | E CAPACITOR | 100uF 16V M | |
| C781 | VE-30012582 | CAPACITOR | 10nF 50V K | | C913 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C782 | VE-30000294 | CAPACITOR | 100nF 50V K | | C915 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C783 | VE-30000294 | CAPACITOR | 100nF 50V K | | C916 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C784 | VE-30000345 | E CAPACITOR | 10uF 50V M | | C917 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C785 | VE-30012581 | CAPACITOR | 1nF 50V K | | C918 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C786 | VE-30012581 | CAPACITOR | 1nF 50V K | | C919 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C787 | VE-30020694 | CAPACITOR | 1uF 16V Z | | C929 | VE-30000294 | CAPACITOR | 100nF 50V K | |
| C788 | VE-30020694 | CAPACITOR | 1uF 16V Z | | C930 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C789 | VE-30020694 | CAPACITOR | 1uF 16V Z | | C933 | VE-30000294 | CAPACITOR | 100nF 50V K | |
| C790 | VE-30020694 | CAPACITOR | 1uF 16V Z | | C934 | VE-30031594 | E CAPACITOR | 2200uF 10V | |
| C791 | VE-30020694 | CAPACITOR | 1uF 16V Z | | C935 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C792 | VE-30000294 | CAPACITOR | 100nF 50V K | | C936 | VE-30016654 | CAPACITOR | 100nF 16V K | |
| C793 | VE-30012582 | CAPACITOR | 10nF 50V K | | C937 | VE-30000371 | E CAPACITOR | 22uF 50V M | |
| C794 | VE-30012582 | CAPACITOR | 10nF 50V K | | C938 | VE-30000352 | E CAPACITOR | 100uF 16V M | |
| C795 | VE-30012581 | CAPACITOR | 1nF 50V K | | C941 | VE-30000294 | CAPACITOR | 100nF 50V K | |
| C796 | VE-30012581 | CAPACITOR | 1nF 50V K | | | | | | |
| C797 | VE-30000294 | CAPACITOR | 100nF 50V K | | R100 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| C798 | VE-30012574 | CAPACITOR | 470pF 50V J | | R101 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| C799 | VE-30012567 | CAPACITOR | 220pF 50V J | | R102 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| C801 | VE-30000294 | CAPACITOR | 100nF 50V K | | R103 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| C802 | VE-30000294 | CAPACITOR | 100nF 50V K | | R104 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| C803 | VE-30000345 | E CAPACITOR | 10uF 50V M | | R105 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| C804 | VE-30016654 | CAPACITOR | 100nF 16V K | | R106 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| C805 | VE-30012581 | CAPACITOR | 1nF 50V K | | R107 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| C806 | VE-30000354 | E CAPACITOR | 100uF 35V M | | R108 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| C808 | VE-30000315 | CAPACITOR | 220nF 25V Z | | R109 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| C809 | VE-30000315 | CAPACITOR | 220nF 25V Z | | R110 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| C810 | VE-30012582 | CAPACITOR | 10nF 50V K | | R111 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| C811 | VE-30016654 | CAPACITOR | 100nF 16V K | | R121 | VE-30012677 | RESISTOR | 1/16W 3.3K J | |
| C812 | VE-30000315 | CAPACITOR | 220nF 25V Z | | R122 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| C814 | VE-30016654 | CAPACITOR | 100nF 16V K | | R123 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| C815 | VE-30012582 | CAPACITOR | 10nF 50V K | | R127 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| C816 | VE-30012582 | CAPACITOR | 10nF 50V K | | R128 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| C817 | VE-30016654 | CAPACITOR | 100nF 16V K | | R130 | VE-30030692 | FERRITE NET | 120R/100MHz 150mA | |
| C818 | VE-30016654 | CAPACITOR | 100nF 16V K | | R131 | VE-30030692 | FERRITE NET | 120R/100MHz 150mA | |
| C820 | VE-30000315 | CAPACITOR | 220nF 25V Z | | R132 | VE-30030692 | FERRITE NET | 120R/100MHz 150mA | |
| C823 | VE-30012560 | CAPACITOR | 100pF 50V J | | R133 | VE-30030692 | FERRITE NET | 120R/100MHz 150mA | |
| C824 | VE-30012560 | CAPACITOR | 100pF 50V J | | R134 | VE-30030692 | FERRITE NET | 120R/100MHz 150mA | |
| C825 | VE-30012581 | CAPACITOR | 1nF 50V K | | R135 | VE-30030692 | FERRITE NET | 120R/100MHz 150mA | |
| C827 | VE-30000352 | E CAPACITOR | 100uF 16V M | | R136 | VE-30012506 | RESISTOR | 1/16W 1.5K J | |
| C828 | VE-30016654 | CAPACITOR | 100nF 16V K | | R137 | VE-30012506 | RESISTOR | 1/16W 1.5K J | |
| C829 | VE-30012582 | CAPACITOR | 10nF 50V K | | R138 | VE-30012506 | RESISTOR | 1/16W 1.5K J | |

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|-------------|----------------|-------------------|-------|----------|-------------|----------------|--------------|-------|
| R139 | VE-30012657 | RESISTOR | 1/16W 1K J | | R343 | VE-30012668 | RESISTOR | 1/16W 220R J | |
| R140 | VE-30012641 | RESISTOR | 1/16W 10K J | | R344 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R141 | VE-30012641 | RESISTOR | 1/16W 10K J | | R345 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R142 | VE-30012657 | RESISTOR | 1/16W 1K J | | R346 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R143 | VE-30012657 | RESISTOR | 1/16W 1K J | | R347 | VE-30014022 | RESISTOR | 1/16W 47R J | |
| R145 | VE-30012510 | RESISTOR | 1/16W 100R J | | R348 | VE-30012655 | RESISTOR | 1/16W 180R J | |
| R146 | VE-30012510 | RESISTOR | 1/16W 100R J | | R349 | VE-30014022 | RESISTOR | 1/16W 47R J | |
| R147 | VE-30012510 | RESISTOR | 1/16W 100R J | | R350 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R148 | VE-30012510 | RESISTOR | 1/16W 100R J | | R352 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R149 | VE-30012641 | RESISTOR | 1/16W 10K J | | R353 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R150 | VE-30012657 | RESISTOR | 1/16W 1K J | | R354 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R151 | VE-30012657 | RESISTOR | 1/16W 1K J | | R355 | VE-30012659 | RESISTOR | 1/16W 2.2K J | |
| R152 | VE-30012655 | RESISTOR | 1/16W 180R J | | R356 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R156 | VE-30017653 | RESISTOR ARRAY | 1/16W 47RX4 J | | R357 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R157 | VE-30017653 | RESISTOR ARRAY | 1/16W 47RX4 J | | R358 | VE-30012695 | RESISTOR | 1/16W 470R J | |
| R158 | VE-30017653 | RESISTOR ARRAY | 1/16W 47RX4 J | | R359 | VE-30012659 | RESISTOR | 1/16W 2.2K J | |
| R159 | VE-30017653 | RESISTOR ARRAY | 1/16W 47RX4 J | | R360 | VE-30012506 | RESISTOR | 1/16W 1.5K J | |
| R160 | VE-30017653 | RESISTOR ARRAY | 1/16W 47RX4 J | | R361 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R161 | VE-30017653 | RESISTOR ARRAY | 1/16W 47RX4 J | | R362 | VE-30012982 | RESISTOR | 1/16W 10R J | |
| R162 | VE-30012509 | RESISTOR | 1/16W 100K J | | R363 | VE-30012695 | RESISTOR | 1/16W 470R J | |
| R165 | VE-30025836 | FERRITE NET | 240R/100MHz 150mA | | R364 | VE-30012695 | RESISTOR | 1/16W 470R J | |
| R166 | VE-30025836 | FERRITE NET | 240R/100MHz 150mA | | R368 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R167 | VE-30020529 | FERRITE | 120R/100MHz 200mA | | R369 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R168 | VE-30012641 | RESISTOR | 1/16W 10K J | | R370 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R169 | VE-30012641 | RESISTOR | 1/16W 10K J | | R371 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R170 | VE-30012641 | RESISTOR | 1/16W 10K J | | R372 | VE-30014022 | RESISTOR | 1/16W 47R J | |
| R172 | VE-30012641 | RESISTOR | 1/16W 10K J | | R373 | VE-30012655 | RESISTOR | 1/16W 180R J | |
| R173 | VE-30012641 | RESISTOR | 1/16W 10K J | | R374 | VE-30012692 | RESISTOR | 1/16W 1.5K J | |
| R174 | VE-30012641 | RESISTOR | 1/16W 10K J | | R375 | VE-30012684 | RESISTOR | 1/16W 330R J | |
| R175 | VE-30012641 | RESISTOR | 1/16W 10K J | | R376 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R176 | VE-30012641 | RESISTOR | 1/16W 10K J | | R377 | VE-30012684 | RESISTOR | 1/16W 330R J | |
| R177 | VE-30012641 | RESISTOR | 1/16W 10K J | | R378 | VE-30012684 | RESISTOR | 1/16W 330R J | |
| R178 | VE-30012641 | RESISTOR | 1/16W 10K J | | R379 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R179 | VE-30012641 | RESISTOR | 1/16W 10K J | | R380 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R180 | VE-30012641 | RESISTOR | 1/16W 10K J | | R381 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R181 | VE-30012641 | RESISTOR | 1/16W 10K J | | R382 | VE-30012982 | RESISTOR | 1/16W 10R J | |
| R182 | VE-30012641 | RESISTOR | 1/16W 10K J | | R383 | VE-30000534 | RESISTOR | 1/10W 15K J | |
| R183 | VE-30012657 | RESISTOR | 1/16W 1K J | | R384 | VE-30012679 | RESISTOR | 1/16W 3.9K J | |
| R184 | VE-30012657 | RESISTOR | 1/16W 1K J | | R385 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R185 | VE-30012641 | RESISTOR | 1/16W 10K J | | R386 | VE-30012506 | RESISTOR | 1/16W 1.5K J | |
| R189 | VE-30012657 | RESISTOR | 1/16W 1K J | | R387 | VE-30012506 | RESISTOR | 1/16W 1.5K J | |
| R197 | VE-30021996 | RESISTOR | 1/16W 10K J | | R388 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R202 | VE-30012509 | RESISTOR | 1/16W 100K J | | R389 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R203 | VE-30012509 | RESISTOR | 1/16W 100K J | | R390 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R204 | VE-30012509 | RESISTOR | 1/16W 100K J | | R391 | VE-30012696 | RESISTOR | 1/16W 47K J | |
| R205 | VE-30012509 | RESISTOR | 1/16W 100K J | | R392 | VE-30012696 | RESISTOR | 1/16W 47K J | |
| R206 | VE-30012509 | RESISTOR | 1/16W 100K J | | R393 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R207 | VE-30012509 | RESISTOR | 1/16W 100K J | | R394 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R300 | VE-30012657 | RESISTOR | 1/16W 1K J | | R395 | VE-30012684 | RESISTOR | 1/16W 330R J | |
| R301 | VE-30018409 | RESISTOR ARRAY | 1/16W 330R J | | R396 | VE-30012684 | RESISTOR | 1/16W 330R J | |
| R302 | VE-30018409 | RESISTOR ARRAY | 1/16W 330R J | | R397 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R303 | VE-30018409 | RESISTOR ARRAY | 1/16W 330R J | | R398 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R304 | VE-30018409 | RESISTOR ARRAY | 1/16W 330R J | | R399 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R305 | VE-30018409 | RESISTOR ARRAY | 1/16W 330R J | | R400 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R306 | VE-30018409 | RESISTOR ARRAY | 1/16W 330R J | | R401 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R307 | VE-30018409 | RESISTOR ARRAY | 1/16W 330R J | | R402 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R308 | VE-30012657 | RESISTOR | 1/16W 1K J | | R404 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R309 | VE-30012669 | RESISTOR | 1/16W 22K J | | R405 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R310 | VE-30012510 | RESISTOR | 1/16W 100R J | | R406 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R311 | VE-30012510 | RESISTOR | 1/16W 100R J | | R407 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R312 | VE-30012510 | RESISTOR | 1/16W 100R J | | R408 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R313 | VE-30012679 | RESISTOR | 1/16W 3.9K J | | R410 | VE-30012644 | RESISTOR | 1/16W 12K J | |
| R314 | VE-30012679 | RESISTOR | 1/16W 3.9K J | | R411 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R315 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R412 | VE-30014078 | RESISTOR | 1/16W 22R J | |
| R316 | VE-30012679 | RESISTOR | 1/16W 3.9K J | | R413 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R317 | VE-30000534 | RESISTOR | 1/10W 15K J | | R414 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R318 | VE-30012659 | RESISTOR | 1/16W 2.2K J | | R415 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R319 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R416 | VE-30018254 | RESISTOR ARRAY | 1/16W 10R J | |
| R320 | VE-30012659 | RESISTOR | 1/16W 2.2K J | | R417 | VE-30018254 | RESISTOR ARRAY | 1/16W 10R J | |
| R321 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R425 | VE-30012695 | RESISTOR | 1/16W 470R J | |
| R322 | VE-30012695 | RESISTOR | 1/16W 470R J | | R426 | VE-30012695 | RESISTOR | 1/16W 470R J | |
| R323 | VE-30012987 | RESISTOR | 1/16W 56R J | | R427 | VE-30012695 | RESISTOR | 1/16W 470R J | |
| R324 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R431 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R325 | VE-30012695 | RESISTOR | 1/16W 470R J | | R432 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R326 | VE-30012695 | RESISTOR | 1/16W 470R J | | R434 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R327 | VE-30012695 | RESISTOR | 1/16W 470R J | | R437 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R328 | VE-30012685 | RESISTOR | 1/16W 33K J | | R438 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R329 | VE-30012685 | RESISTOR | 1/16W 33K J | | R439 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R330 | VE-30012685 | RESISTOR | 1/16W 33K J | | R440 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R331 | VE-30012685 | RESISTOR | 1/16W 33K J | | R441 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R332 | VE-30012510 | RESISTOR | 1/16W 100R J | | R442 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R333 | VE-30012510 | RESISTOR | 1/16W 100R J | | R443 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R334 | VE-30012705 | RESISTOR | 1/16W 6.8K J | | R450 | VE-30012659 | RESISTOR | 1/16W 2.2K J | |
| R335 | VE-30012705 | RESISTOR | 1/16W 6.8K J | | R454 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R336 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R456 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R337 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R457 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R339 | VE-30012509 | RESISTOR | 1/16W 100K J | | R503 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R340 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R504 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R341 | VE-30012644 | RESISTOR | 1/16W 12K J | | R505 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R342 | VE-30012668 | RESISTOR | 1/16W 220R J | | R506 | VE-30012510 | RESISTOR | 1/16W 100R J | |

| △Ref No. | Part No. | Part Name | Description | Local | △Ref No. | Part No. | Part Name | Description | Local |
|----------|-------------|------------|--------------|-------|----------|-------------|------------|-------------------|-------|
| R507 | VE-30012698 | RESISTOR | 1/16W 5.6K J | | R735 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R508 | VE-30012510 | RESISTOR | 1/16W 100R J | | R736 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R509 | VE-30012641 | RESISTOR | 1/16W 10K J | | R737 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R510 | VE-30012644 | RESISTOR | 1/16W 12K J | | R738 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R511 | VE-30012696 | RESISTOR | 1/16W 47K J | | R739 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R512 | VE-30012684 | RESISTOR | 1/16W 330R J | | R740 | VE-30000469 | RESISTOR | 1/10W 1K J | |
| R513 | VE-30012713 | RESISTOR | 1/16W 75R J | | R741 | VE-30000469 | RESISTOR | 1/10W 1K J | |
| R514 | VE-30012669 | RESISTOR | 1/16W 22K J | | R742 | VE-30012642 | RESISTOR | 1/16W 120K J | |
| R515 | VE-30012669 | RESISTOR | 1/16W 22K J | | R743 | VE-30012644 | RESISTOR | 1/16W 12K J | |
| R516 | VE-30012695 | RESISTOR | 1/16W 470R J | | R744 | VE-30012696 | RESISTOR | 1/16W 47K J | |
| R517 | VE-30012659 | RESISTOR | 1/16W 2.2K J | | R745 | VE-30012700 | RESISTOR | 1/16W 51K J | |
| R518 | VE-30012510 | RESISTOR | 1/16W 100R J | | R746 | VE-30024811 | RESISTOR | 1/16W 33K F | |
| R522 | VE-30012685 | RESISTOR | 1/16W 33K J | | R747 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R523 | VE-30012677 | RESISTOR | 1/16W 3.3K J | | R748 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R524 | VE-30012643 | RESISTOR | 1/16W 120R J | | R749 | VE-30012668 | RESISTOR | 1/16W 220R J | |
| R525 | VE-30012707 | RESISTOR | 1/16W 680R J | | R750 | VE-30000688 | RESISTOR | 1/10W 390R J | |
| R527 | VE-30012705 | RESISTOR | 1/16W 6.8K J | | R751 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R528 | VE-30012574 | CAPACITOR | 470pF 50V J | | R752 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R529 | VE-30012982 | RESISTOR | 1/16W 10R J | | R753 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R530 | VE-30014022 | RESISTOR | 1/16W 47R J | | R754 | VE-30012668 | RESISTOR | 1/16W 220R J | |
| R531 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R755 | VE-30012668 | RESISTOR | 1/16W 220R J | |
| R600 | VE-30012713 | RESISTOR | 1/16W 75R J | | R758 | VE-30012668 | RESISTOR | 1/16W 220R J | |
| R601 | VE-30012713 | RESISTOR | 1/16W 75R J | | R761 | VE-30010560 | CAPACITOR | 220nF 25V K | |
| R602 | VE-30012510 | RESISTOR | 1/16W 100R J | | R762 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R603 | VE-30012510 | RESISTOR | 1/16W 100R J | | R764 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R604 | VE-30012982 | RESISTOR | 1/16W 10R J | | R765 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R605 | VE-30012695 | RESISTOR | 1/16W 470R J | | R766 | VE-30012509 | RESISTOR | 1/16W 100K J | |
| R606 | VE-30012641 | RESISTOR | 1/16W 10K J | | R767 | VE-30012509 | RESISTOR | 1/16W 100K J | |
| R607 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R768 | VE-30012509 | RESISTOR | 1/16W 100K J | |
| R608 | VE-30012713 | RESISTOR | 1/16W 75R J | | R769 | VE-30012509 | RESISTOR | 1/16W 100K J | |
| R609 | VE-30012982 | RESISTOR | 1/16W 10R J | | R770 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R610 | VE-30012695 | RESISTOR | 1/16W 470R J | | R771 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R611 | VE-30012641 | RESISTOR | 1/16W 10K J | | R772 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R612 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R773 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R613 | VE-30012713 | RESISTOR | 1/16W 75R J | | R774 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R614 | VE-30000797 | RESISTOR | 1/10W 75R J | | R775 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R615 | VE-30012713 | RESISTOR | 1/16W 75R J | | R776 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R617 | VE-30012713 | RESISTOR | 1/16W 75R J | | R778 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R618 | VE-30012982 | RESISTOR | 1/16W 10R J | | R779 | VE-30012509 | RESISTOR | 1/16W 100K J | |
| R619 | VE-30012695 | RESISTOR | 1/16W 470R J | | R780 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R620 | VE-30012641 | RESISTOR | 1/16W 10K J | | R784 | VE-30010560 | CAPACITOR | 220nF 25V K | |
| R621 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R785 | VE-30010560 | CAPACITOR | 220nF 25V K | |
| R622 | VE-30012713 | RESISTOR | 1/16W 75R J | | R786 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R623 | VE-30012713 | RESISTOR | 1/16W 75R J | | R787 | VE-30012713 | RESISTOR | 1/16W 75R J | |
| R625 | VE-30012982 | RESISTOR | 1/16W 10R J | | R788 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R626 | VE-30012695 | RESISTOR | 1/16W 470R J | | R795 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R627 | VE-30012641 | RESISTOR | 1/16W 10K J | | R796 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R628 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R797 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R629 | VE-30012713 | RESISTOR | 1/16W 75R J | | R798 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R630 | VE-30000797 | RESISTOR | 1/10W 75R J | | R799 | VE-30012657 | RESISTOR | 1/16W 1K J | |
| R631 | VE-30012713 | RESISTOR | 1/16W 75R J | | R800 | VE-30012692 | RESISTOR | 1/16W 4.7K J | |
| R632 | VE-30012509 | RESISTOR | 1/16W 100K J | | R905 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R633 | VE-30012509 | RESISTOR | 1/16W 100K J | | R906 | VE-30012509 | RESISTOR | 1/16W 100K J | |
| R636 | VE-30012509 | RESISTOR | 1/16W 100K J | | R908 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R637 | VE-30012509 | RESISTOR | 1/16W 100K J | | R916 | VE-30000833 | RESISTOR | 1/10W 91R J | |
| R700 | VE-30012641 | RESISTOR | 1/16W 10K J | | R917 | VE-30000833 | RESISTOR | 1/10W 91R J | |
| R701 | VE-30012641 | RESISTOR | 1/16W 10K J | | R918 | VE-30012705 | RESISTOR | 1/16W 6.8K J | |
| R702 | VE-30012510 | RESISTOR | 1/16W 100R J | | R919 | VE-30000588 | RESISTOR | 1/10W 220R J | |
| R703 | VE-30012510 | RESISTOR | 1/16W 100R J | | R920 | VE-30000469 | RESISTOR | 1/10W 1K J | |
| R704 | VE-30012692 | RESISTOR | 1/16W 4.7K J | | R921 | VE-30000558 | RESISTOR | 1/10W 180R J | |
| R705 | VE-30012685 | RESISTOR | 1/16W 33K J | | R922 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R706 | VE-30012641 | RESISTOR | 1/16W 10K J | | R923 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R707 | VE-30012685 | RESISTOR | 1/16W 33K J | | R924 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R708 | VE-30012715 | RESISTOR | 1/16W 82K J | | R925 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R709 | VE-30012715 | RESISTOR | 1/16W 82K J | | R926 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R710 | VE-30012641 | RESISTOR | 1/16W 10K J | | R927 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R711 | VE-30012510 | RESISTOR | 1/16W 100R J | | R928 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R712 | VE-30012657 | RESISTOR | 1/16W 1K J | | R929 | VE-30012669 | RESISTOR | 1/16W 22K J | |
| R713 | VE-30012657 | RESISTOR | 1/16W 1K J | | R930 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R714 | VE-30012702 | RESISTOR | 1/16W 560R J | | R931 | VE-30012641 | RESISTOR | 1/16W 10K J | |
| R715 | VE-30012702 | RESISTOR | 1/16W 560R J | | R933 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R716 | VE-30012702 | RESISTOR | 1/16W 560R J | | R934 | VE-30012510 | RESISTOR | 1/16W 100R J | |
| R717 | VE-30012702 | RESISTOR | 1/16W 560R J | | R935 | VE-30012659 | RESISTOR | 1/16W 2.2K J | |
| R718 | VE-30012657 | RESISTOR | 1/16W 1K J | | | | | | |
| R719 | VE-30012657 | RESISTOR | 1/16W 1K J | | L101 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| R720 | VE-30023426 | FIXED COIL | 1.2uH | | L102 | VE-30020896 | FERRITE | 120R/100MHz 200mA | |
| R721 | VE-30023426 | FIXED COIL | 1.2uH | | L104 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| R722 | VE-30023426 | FIXED COIL | 1.2uH | | L105 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| R723 | VE-30012713 | RESISTOR | 1/16W 75R J | | L109 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| R724 | VE-30012713 | RESISTOR | 1/16W 75R J | | L110 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| R725 | VE-30012713 | RESISTOR | 1/16W 75R J | | L111 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| R726 | VE-30012657 | RESISTOR | 1/16W 1K J | | L113 | VE-30020896 | FERRITE | 120R/100MHz 200mA | |
| R727 | VE-30012657 | RESISTOR | 1/16W 1K J | | L114 | VE-30020896 | FERRITE | 120R/100MHz 200mA | |
| R728 | VE-30023426 | FIXED COIL | 1.2uH | | L300 | VE-30020531 | FERRITE | 220R/100MHz 2A | |
| R729 | VE-30012713 | RESISTOR | 1/16W 75R J | | L301 | VE-30020531 | FERRITE | 220R/100MHz 2A | |
| R730 | VE-30023426 | FIXED COIL | 1.2uH | | L302 | VE-30020531 | FERRITE | 220R/100MHz 2A | |
| R731 | VE-30012713 | RESISTOR | 1/16W 75R J | | L303 | VE-30020531 | FERRITE | 220R/100MHz 2A | |
| R732 | VE-30012713 | RESISTOR | 1/16W 75R J | | L304 | VE-30001990 | FIXED COIL | 6.8uH | |
| R733 | VE-30023426 | FIXED COIL | 1.2uH | | L305 | VE-30001990 | FIXED COIL | 6.8uH | |
| R734 | VE-30012510 | RESISTOR | 1/16W 100R J | | L306 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|-------------|-------------------|--------------------|-------|
| L308 | VE-30002170 | FERRITE CORE | | |
| L309 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L310 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L311 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L312 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L313 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L314 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L315 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L316 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L401 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L402 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L408 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L409 | VE-30001996 | FIXED COIL | 22uH | |
| L501 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L502 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L503 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L504 | VE-30001996 | FIXED COIL | 22uH | |
| L600 | VE-30020531 | FERRITE | 220R/100MHz 2A | |
| L700 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L701 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L702 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L703 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L704 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L705 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L707 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L708 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L709 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L710 | VE-30006712 | FERRITE BEAD | | |
| L711 | VE-30013412 | FERRITE | 1.5K/100MHz 500 mA | |
| L712 | VE-30013412 | FERRITE | 1.5K/100MHz 500 mA | |
| L713 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L714 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L715 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L716 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L717 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L718 | VE-30024779 | FERRITE | 50R/100MHz 3A | |
| L719 | VE-30024779 | FERRITE | 50R/100MHz 3A | |
| L721 | VE-30024779 | FERRITE | 50R/100MHz 3A | |
| L722 | VE-30024779 | FERRITE | 50R/100MHz 3A | |
| L723 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L724 | VE-30013412 | FERRITE | 1.5K/100MHz 500 mA | |
| L725 | VE-30013412 | FERRITE | 1.5K/100MHz 500 mA | |
| L726 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L727 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L728 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L729 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L730 | VE-30029326 | FIXED COIL | 33uH | |
| L731 | VE-30029326 | FIXED COIL | 33uH | |
| L732 | VE-30029326 | FIXED COIL | 33uH | |
| L733 | VE-30029326 | FIXED COIL | 33uH | |
| L740 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L741 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L742 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L743 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L744 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L746 | VE-30020529 | FERRITE | 120R/100MHz 200mA | |
| L748 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L749 | VE-30020393 | FERRITE | 600R/100MHz 200mA | |
| L800 | VE-30020531 | FERRITE | 220R/100MHz 2A | |
| L801 | VE-30002170 | FERRITE CORE | | |
| L802 | VE-30020394 | FERRITE | 330R/100MHz 3A | |
| L803 | VE-30020394 | FERRITE | 330R/100MHz 3A | |
| L805 | VE-30001971 | FERRITE | 600R/100MHz 200mA | |
| L911 | VE-30011450 | FIXED COIL | 22uH | |
| △F900 | VE-30035282 | FUSE | 5A/32VDC | |
| △F901 | VE-30028331 | FUSE | 7A/32VDC | |
| JK700 | VE-30001902 | JACK | PC AUDIO IN | |
| JK702 | VE-30032636 | JACK | EXT3-AUDIO IN(L) | |
| JK703 | VE-30032638 | JACK | EXT3-AUDIO IN(R) | |
| JK704 | VE-30032638 | JACK | EXT3-Pr IN | |
| JK705 | VE-30032233 | JACK | EXT3-Y IN | |
| JK706 | VE-30032234 | JACK | EXT3-Pb IN | |
| PL101 | VE-30032051 | D SOCKET | D-SUB 15P FOR TFT | |
| PL700 | VE-30018089 | SOCET SCART BLACK | EXT-1 | |
| | | TFT | | |
| PL701 | VE-30018089 | SOCET SCART BLACK | EXT-2 | |
| | | TFT | | |
| S730 | VE-30012695 | RESISTOR | 1/16W 470R J | |
| TU500 | VE-30040264 | TUNER | | |
| X100 | VE-30017946 | CLYSTAT | 14.318 MHZ | |
| X300 | VE-30006662 | CLYSTAT | | |
| X400 | VE-30008778 | CLYSTAT | | |
| X500 | VE-30021113 | CLYSTAT | 4MHZ | |
| X700 | VE-30001756 | CLYSTAT | | |
| Z500 | VE-30001692 | SAW FILTER | | |
| Z501 | VE-30012545 | SAW FILTER | | |

POWER P.W. BOARD ASS'Y (VE-20221280)

| △Ref No. | Part No. | Part Name | Description | Local |
|----------|-------------|-------------|--------------|-------|
| △IC801 | VE-30015087 | IC | | |
| IC802 | VE-30039471 | IC | | |
| IC806 | VE-30033966 | IC | | |
| IC807 | VE-30014541 | IC | | |
| △IC809 | VE-30015087 | IC | | |
| △IC811 | VE-30015087 | IC | | |
| IC824 | VE-30033743 | TRANSISTOR | | |
| IC825 | VE-30036548 | DIODE | | |
| IC827 | VE-30001284 | DIODE | | |
| IC828 | VE-30001668 | IC | | |
| Q802 | VE-30001457 | TRANSISTOR | | |
| Q803 | VE-30039463 | TRANSISTOR | | |
| Q804 | VE-30001457 | TRANSISTOR | | |
| Q805 | VE-30001457 | TRANSISTOR | | |
| Q806 | VE-30001457 | TRANSISTOR | | |
| Q807 | VE-30001457 | TRANSISTOR | | |
| Q808 | VE-30001457 | TRANSISTOR | | |
| Q809 | VE-30002734 | TRANSISTOR | | |
| Q810 | VE-30001457 | TRANSISTOR | | |
| Q811 | VE-30001458 | TRANSISTOR | | |
| Q812 | VE-30001457 | TRANSISTOR | | |
| Q813 | VE-30039463 | TRANSISTOR | | |
| Q814 | VE-30039463 | TRANSISTOR | | |
| Q818 | VE-30001457 | TRANSISTOR | | |
| Q820 | VE-30001457 | TRANSISTOR | | |
| Q822 | VE-30001458 | TRANSISTOR | | |
| Q823 | VE-30001457 | TRANSISTOR | | |
| Q824 | VE-30001458 | TRANSISTOR | | |
| Q827 | VE-30039202 | DIODE | | |
| Q828 | VE-30039205 | DIODE | | |
| Q830 | VE-30001457 | TRANSISTOR | | |
| Q831 | VE-30001457 | TRANSISTOR | | |
| Q832 | VE-30007802 | TRANSISTOR | | |
| Q833 | VE-30001457 | TRANSISTOR | | |
| Q834 | VE-30001457 | TRANSISTOR | | |
| Q835 | VE-30001457 | TRANSISTOR | | |
| Q837 | VE-30029322 | TRANSISTOR | | |
| Q838 | VE-30001457 | TRANSISTOR | | |
| Q839 | VE-30001455 | TRANSISTOR | | |
| Q840 | VE-30001455 | TRANSISTOR | | |
| Q841 | VE-30001458 | TRANSISTOR | | |
| D800 | VE-30007758 | DIODE | | |
| D805 | VE-30001285 | DIODE | | |
| D806 | VE-30031925 | DIODE | | |
| D807 | VE-30031925 | DIODE | | |
| D809 | VE-30001353 | Z DIODE | | |
| D810 | VE-30038480 | Z DIODE | | |
| D811 | VE-30001285 | DIODE | | |
| D812 | VE-30001285 | DIODE | | |
| D813 | VE-30001285 | DIODE | | |
| D814 | VE-30001285 | DIODE | | |
| D815 | VE-30001285 | DIODE | | |
| D818 | VE-30031925 | DIODE | | |
| D819 | VE-30008996 | IC | | |
| D820 | VE-30031925 | DIODE | | |
| D821 | VE-30038492 | Z DIODE | | |
| D823 | VE-30001318 | DIODE | | |
| D824 | VE-30039464 | DIODE | | |
| D826 | VE-30038493 | Z DIODE | | |
| D831 | VE-30031925 | DIODE | | |
| D832 | VE-30031925 | DIODE | | |
| D835 | VE-30001285 | DIODE | | |
| D836 | VE-30038478 | Z DIODE | | |
| D838 | VE-30008996 | IC | | |
| D842 | VE-30001285 | DIODE | | |
| D845 | VE-20223878 | DIODE | | |
| D846 | VE-20223878 | DIODE | | |
| D847 | VE-30038497 | Z DIODE | | |
| D850 | VE-30008996 | IC | | |
| D851 | VE-30008996 | IC | | |
| D852 | VE-30008996 | IC | | |
| D853 | VE-30001285 | DIODE | | |
| D854 | VE-30001353 | Z DIODE | | |
| D855 | VE-30001285 | DIODE | | |
| D856 | VE-30001285 | DIODE | | |
| D857 | VE-30001285 | DIODE | | |
| D859 | VE-30022478 | DIODE | | |
| D860 | VE-30022478 | DIODE | | |
| D861 | VE-30022478 | DIODE | | |
| △C800 | VE-30000084 | CAPACITOR | 150nF 275V M | |
| C801 | VE-30000387 | E CAPACITOR | 33uF 50V M | |
| C802 | VE-30039383 | CAPACITOR | 1uF 450V K | |
| C805 | VE-30012610 | CAPACITOR | 10nF 50V J | |
| C806 | VE-30018416 | E CAPACITOR | 470uF 16V M | |
| C808 | VE-30000294 | CAPACITOR | 100nF 50V K | |

| △Ref No. | Part No. | Part Name | Description Local | △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|---------------|------------------------|----------|-------------|-----------|-------------------|
| C810 | VE-30000436 | C CAPACITOR | 10nF 1KV Z | R844 | VE-30000459 | RESISTOR | 1/4W 100R J |
| C812 | VE-30000359 | E CAPACITOR | 1000uF 16V M | R846 | VE-30000459 | RESISTOR | 1/4W 100R J |
| △C813 | VE-30000440 | C CAPACITOR | 2.2nF 4KV M | R847 | VE-30000475 | RESISTOR | 1/10W 10K J |
| C814 | VE-30016085 | E CAPACITOR | 10uF 63V | R849 | VE-30023134 | RESISTOR | 1/16W 470R F |
| C815 | VE-30007308 | C CAPACITOR | 220pF 1KV K | R850 | VE-30012509 | RESISTOR | 1/16W 100K J |
| C817 | VE-30000376 | E CAPACITOR | 220uF 25V M | R851 | VE-30000469 | RESISTOR | 1/10W 1K J |
| C818 | VE-30031826 | E CAPACITOR | 4700uF 6.3V M | R852 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C822 | VE-30012581 | CAPACITOR | 1nF 50V K | R855 | VE-30012509 | RESISTOR | 1/16W 100K J |
| C824 | VE-30016654 | CAPACITOR | 100nF 16V K | R856 | VE-30012692 | RESISTOR | 1/16W 4.7K J |
| C826 | VE-30016085 | E CAPACITOR | 10uF 63V | R857 | VE-30012644 | RESISTOR | 1/16W 12K J |
| C829 | VE-30016654 | CAPACITOR | 100nF 16V K | R858 | VE-30012692 | RESISTOR | 1/16W 4.7K J |
| C830 | VE-30016654 | CAPACITOR | 100nF 16V K | R859 | VE-30012685 | RESISTOR | 1/16W 33K J |
| C833 | VE-30000294 | CAPACITOR | 100nF 50V K | R860 | VE-30000653 | RESISTOR | 1/10W 33R J |
| C834 | VE-30000387 | E CAPACITOR | 33uF 50V M | R861 | VE-30000653 | RESISTOR | 1/10W 33R J |
| C835 | VE-30000387 | E CAPACITOR | 33uF 50V M | R862 | VE-30012696 | RESISTOR | 1/16W 47K J |
| C836 | VE-30000074 | CAPACITOR | 100nF 63V J | R863 | VE-30012685 | RESISTOR | 1/16W 33K J |
| C837 | VE-30000352 | E CAPACITOR | 100uF 16V M | R864 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C838 | VE-30000345 | E CAPACITOR | 10uF 50V M | R865 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C839 | VE-30016654 | CAPACITOR | 100nF 16V K | R866 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C840 | VE-30000387 | E CAPACITOR | 33uF 50V M | R867 | VE-30012712 | RESISTOR | 1/16W 8.2K J |
| C841 | VE-30012603 | CAPACITOR | 100nF 25V K | R868 | VE-30012704 | RESISTOR | 1/16W 6.2K J |
| C842 | VE-30039384 | CAPACITOR | 1nF 1KV K | R869 | VE-30000742 | RESISTOR | 1/4W 56R J |
| C845 | VE-30012603 | CAPACITOR | 100nF 25V K | R870 | VE-30000737 | RESISTOR | 1/4W 5.1K J |
| △C847 | VE-30012061 | C CAPACITOR | 1nF 4KV M E | R871 | VE-30000748 | RESISTOR | 1/4W 5.6K J |
| C848 | VE-30000365 | E CAPACITOR | 1uF 160V M | R872 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C849 | VE-30012585 | CAPACITOR | 2.2nF 50V K | R873 | VE-30000710 | RESISTOR | 1/10W 47R J |
| C850 | VE-30007748 | E CAPACITOR | 1000uF 35V M | R874 | VE-30012657 | RESISTOR | 1/16W 1K J |
| C851 | VE-30005819 | E CAPACITOR | 1000uF 16V M | R875 | VE-30011739 | RESISTOR | 1/16W 3.9K F |
| C852 | VE-30007748 | E CAPACITOR | 1000uF 35V M | R876 | VE-30000953 | RESISTOR | 1/4W 30K F |
| C853 | VE-30000365 | E CAPACITOR | 1uF 160V M | R877 | VE-30012685 | RESISTOR | 1/16W 33K J |
| C855 | VE-30000096 | CAPACITOR | 27nF 100V J | R878 | VE-30000470 | RESISTOR | 1/2W 10K J |
| C856 | VE-30012581 | CAPACITOR | 1nF 50V K | R879 | VE-30024774 | RESISTOR | 1/16W 1.2K F |
| C857 | VE-30031826 | E CAPACITOR | 4700uF 6.3V M | R880 | VE-30012661 | RESISTOR | 1/16W 2.4K J |
| C859 | VE-30007308 | C CAPACITOR | 220pF 1KV K | R881 | VE-30012508 | RESISTOR | 1/16W 1.8K J |
| C860 | VE-30031825 | E CAPACITOR | 2200uF 6.3V M | R882 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C862 | VE-30000074 | CAPACITOR | 100nF 63V J | R883 | VE-30016846 | RESISTOR | 1/16W 3.3K F |
| C863 | VE-30005819 | E CAPACITOR | 1000uF 16V M | R884 | VE-30016426 | RESISTOR | 1/16W 27R J |
| C868 | VE-30016654 | CAPACITOR | 100nF 16V K | R887 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C870 | VE-30000506 | RESISTOR | 1/10W 120K J | R888 | VE-30000464 | RESISTOR | 1/10W 100R J |
| △C873 | VE-30012061 | C CAPACITOR | 1nF 4KV M | R889 | VE-30000464 | RESISTOR | 1/10W 100R J |
| C874 | VE-30016085 | E CAPACITOR | 10uF 63V | R890 | VE-30000464 | RESISTOR | 1/10W 100R J |
| C877 | VE-30000137 | CAPACITOR | 15nF 630Vdc / 622Vpp J | R891 | VE-30012692 | RESISTOR | 1/16W 4.7K J |
| C878 | VE-30000137 | CAPACITOR | 15nF 630Vdc / 622Vpp J | R892 | VE-30000471 | RESISTOR | 1/4W 10K J |
| C881 | VE-30016085 | E CAPACITOR | 10uF 63V | R893 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C882 | VE-30016654 | CAPACITOR | 100nF 16V K | R897 | VE-30000477 | RESISTOR | 1/4W 100K J |
| C884 | VE-30012585 | CAPACITOR | 2.2nF 50V K | R910 | VE-30012696 | RESISTOR | 1/16W 47K J |
| C886 | VE-30039139 | CAPACITOR | 470nF 50V K | R912 | VE-30039196 | RESISTOR | 1/4W 1M F |
| C887 | VE-30039139 | CAPACITOR | 470nF 50V K | R913 | VE-30039196 | RESISTOR | 1/4W 1M F |
| C888 | VE-30039139 | CAPACITOR | 470nF 50V K | R914 | VE-30039196 | RESISTOR | 1/4W 1M F |
| C889 | VE-30039139 | CAPACITOR | 470nF 50V K | R915 | VE-30039196 | RESISTOR | 1/4W 1M F |
| C890 | VE-30039383 | CAPACITOR | 1uF 450V K | R917 | VE-30012667 | RESISTOR | 1/16W 220K J |
| C892 | VE-30000371 | E CAPACITOR | 22uF 50V M | R918 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C893 | VE-30039384 | CAPACITOR | 1nF 1KV K | R919 | VE-30012696 | RESISTOR | 1/16W 47K J |
| C894 | VE-30000294 | CAPACITOR | 100nF 50V K | R920 | VE-30012696 | RESISTOR | 1/16W 47K J |
| C898 | VE-30012585 | CAPACITOR | 2.2nF 50V K | R921 | VE-30000469 | RESISTOR | 1/10W 1K J |
| C901 | VE-30000413 | E CAPACITOR | 4.7uF 50V M | R922 | VE-30012672 | RESISTOR | 1/16W 270K J |
| C904 | VE-30020694 | CAPACITOR | 1uF 16V Z | R923 | VE-30012641 | RESISTOR | 1/16W 10K J |
| C906 | VE-30010555 | CAPACITOR | 1uF 16V K | R924 | VE-30012355 | RESISTOR | 1/10W 6.8K F |
| C907 | VE-30010555 | CAPACITOR | 1uF 16V K | R925 | VE-30014420 | RESISTOR | 1/16W 10K F |
| C908 | VE-30010555 | CAPACITOR | 1uF 16V K | R926 | VE-30039196 | RESISTOR | 1/4W 1M F |
| C909 | VE-30010555 | CAPACITOR | 1uF 16V K | R927 | VE-30039196 | RESISTOR | 1/4W 1M F |
| C913 | VE-30010555 | CAPACITOR | 1uF 16V K | R928 | VE-30039196 | RESISTOR | 1/4W 1M F |
| △R801 | VE-30018085 | CAPACITOR VAR | 510V K | R929 | VE-30000469 | RESISTOR | 1/10W 1K J |
| R803 | VE-30012674 | RESISTOR | 1/16W 27K J | R930 | VE-30012641 | RESISTOR | 1/16W 10K J |
| R805 | VE-30039196 | RESISTOR | 1/4W 1M F | R931 | VE-30024770 | RESISTOR | 1/16W 6.34K F |
| R806 | VE-30039196 | RESISTOR | 1/4W 1M F | R932 | VE-30039196 | RESISTOR | 1/4W 1M F |
| R807 | VE-30039196 | RESISTOR | 1/4W 1M F | R933 | VE-30012644 | RESISTOR | 1/16W 12K J |
| R814 | VE-30001096 | RESISTOR | 1W 120K J | R940 | VE-30039196 | RESISTOR | 1/4W 1M F |
| R815 | VE-30010555 | CAPACITOR | 1uF 16V K | R941 | VE-30012509 | RESISTOR | 1/16W 100K J |
| R817 | VE-30039401 | RESISTOR | 1/4W 330K F | R942 | VE-30012701 | RESISTOR | 1/16W 560K J |
| R818 | VE-30039401 | RESISTOR | 1/4W 330K F | R944 | VE-30012696 | RESISTOR | 1/16W 47K J |
| R819 | VE-30039401 | RESISTOR | 1/4W 330K F | R945 | VE-30010656 | RESISTOR | 1/10W 59K F |
| R820 | VE-30000782 | RESISTOR | 1/10W 68K J | R947 | VE-30012703 | RESISTOR | 1/16W 56K J |
| R822 | VE-30012696 | RESISTOR | 1/16W 47K J | R948 | VE-30012644 | RESISTOR | 1/16W 12K J |
| R823 | VE-30000517 | RESISTOR | 1/10W 15R J | R949 | VE-30012508 | RESISTOR | 1/16W 1.8K J |
| R824 | VE-30012677 | RESISTOR | 1/16W 3.3K J | R950 | VE-30012712 | RESISTOR | 1/16W 8.2K J |
| R825 | VE-30000464 | RESISTOR | 1/10W 100R J | R951 | VE-30012508 | RESISTOR | 1/16W 1.8K J |
| R826 | VE-30012508 | RESISTOR | 1/16W 1.8K J | R952 | VE-30006462 | RESISTOR | 1/10W 22R J |
| R828 | VE-30000723 | RESISTOR | 1/4W 47K J | R953 | VE-30000843 | RESISTOR | 1/4W 10R J |
| R830 | VE-20197746 | RESISTOR | | R956 | VE-30013001 | RESISTOR | 1/16W 1K F |
| R831 | VE-30012508 | RESISTOR | 1/16W 1.8K J | R957 | VE-30013001 | RESISTOR | 1/16W 1K F |
| R832 | VE-30012685 | RESISTOR | 1/16W 33K J | R958 | VE-30000592 | RESISTOR | 1/8W 2.2K J |
| R833 | VE-30000471 | RESISTOR | 1/4W 10K J | △R960 | VE-30001257 | RESISTOR | 1/2W 4.7M J |
| R834 | VE-30012641 | RESISTOR | 1/16W 10K J | R961 | VE-30000457 | RESISTOR | 1/10W 10R J |
| R836 | VE-30012644 | RESISTOR | 1/16W 12K J | R962 | VE-30000717 | RESISTOR | 1/10W 470R J |
| R837 | VE-30012649 | RESISTOR | 1/16W 150R J | R963 | VE-30000778 | RESISTOR | 1/10W 6.8K J |
| R838 | VE-30000664 | RESISTOR | 1/10W 3.3K J | R964 | VE-30012509 | RESISTOR | 1/16W 100K J |
| R839 | VE-30000664 | RESISTOR | 1/10W 3.3K J | R965 | VE-30000471 | RESISTOR | 1/4W 10K J |
| R843 | VE-30000721 | RESISTOR | 1/10W 4.7K J | R966 | VE-30012641 | RESISTOR | 1/16W 10K J |
| | | | | R967 | VE-30012657 | RESISTOR | 1/16W 1K J |

| △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|-------------|----------------------------|
| R968 | VE-30013001 | RESISTOR | 1/16W 1K F |
| R969 | VE-30014170 | RESISTOR | 1/16W 9.1K F |
| R970 | VE-30012696 | RESISTOR | 1/16W 47K J |
| R971 | VE-20197746 | RESISTOR | |
| R972 | VE-30012657 | RESISTOR | 1/16W 1K J |
| R973 | VE-30012650 | RESISTOR | 1/16W 15K J |
| R974 | VE-30012657 | RESISTOR | 1/16W 1K J |
| R976 | VE-30006462 | RESISTOR | 1/10W 22R J |
| R977 | VE-30012641 | RESISTOR | 1/16W 10K J |
| R978 | VE-30000529 | RESISTOR | 1/10W 1.5K J |
| R979 | VE-30000529 | RESISTOR | 1/10W 1.5K J |
| △TR801 | VE-30039386 | LINE FILTER | |
| △TR802 | VE-30039386 | LINE FILTER | |
| △TR803 | VE-30033946 | TRF | |
| TR804 | VE-30036809 | TRF DRIVER | |
| △TR805 | VE-30036684 | TRF | |
| △TR806 | VE-30036822 | TRF | |
| L802 | VE-30039360 | COIL CHOKE | |
| L804 | VE-30032610 | FIXED COIL | 10uH 3A |
| L810 | VE-30039349 | INDUCTOR | |
| L811 | VE-30018122 | COIL | |
| L813 | VE-30002027 | FIXED COIL | 1MH Q50 K |
| F800 | VE-20190654 | FUSE ASSY | |
| PL808 | VE-30040955 | E CAPACITOR | 150uF 450V M 25*40mm 105Aa |

SWITCH P.W. BOARD ASS'Y (VE-20219781)

| △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|-------------------------------|-------------------|
| △R100 | VE-30018085 | CAPACITOR VAR | 510V K |
| F100 | VE-20000849 | FUSE ASSY | |
| △PL100 | VE-30001871 | AC INLET | |
| △SW100 | VE-30002175 | SWITCH ON/OFF | |
| △TH100 | VE-30001265 | NTC MONITOR 10R/3A SCK-103 | |

SIDE CONTROL P.W. BOARD ASS'Y (VE-20211052)

| △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|-------------|-------------------|
| R1 | VE-30000689 | RESISTOR | 1/4W 3.9K J |
| R2 | VE-30000526 | RESISTOR | 1/4W 1.5K J |
| R3 | VE-30000770 | RESISTOR | 1/4W 680R J |
| R4 | VE-30000712 | RESISTOR | 1/4W 470R J |
| R5 | VE-30000622 | RESISTOR | 1/4W 270R J |
| SW1 | VE-30016022 | TACT SWITCH | VOL- |
| SW2 | VE-30016022 | TACT SWITCH | VOL+ |
| SW3 | VE-30016022 | TACT SWITCH | PROGRAM- |
| SW4 | VE-30016022 | TACT SWITCH | PROGRAM+ |
| SW5 | VE-30016022 | TACT SWITCH | MENU |
| SW17 | VE-30016022 | TACT SWITCH | POWER |
| SW19 | VE-30016022 | TACT SWITCH | TV/AV |

AV JACK P.W. BOARD ASS'Y (VE-20230006)

| △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|-------------|-------------------|
| D1 | VE-30016020 | Z DIODE | |
| D2 | VE-30016020 | Z DIODE | |
| D3 | VE-30016020 | Z DIODE | |
| C102 | VE-30000190 | C CAPACITOR | 100pF 50V J |
| C103 | VE-30000190 | C CAPACITOR | 100pF 50V J |
| C104 | VE-30000190 | C CAPACITOR | 100pF 50V J |
| C105 | VE-30000190 | C CAPACITOR | 100pF 50V J |
| C106 | VE-30000190 | C CAPACITOR | 100pF 50V J |
| C107 | VE-30000190 | C CAPACITOR | 100pF 50V J |
| C108 | VE-30000190 | C CAPACITOR | 100pF 50V J |
| R104 | VE-30000594 | RESISTOR | 1/4W 22K J |
| R105 | VE-30000712 | RESISTOR | 1/4W 470R J |
| R106 | VE-30000594 | RESISTOR | 1/4W 22K J |
| R107 | VE-30000712 | RESISTOR | 1/4W 470R J |
| R108 | VE-30000650 | RESISTOR | 1/4W 33R J |
| R109 | VE-30000650 | RESISTOR | 1/4W 33R J |
| R110 | VE-30000594 | RESISTOR | 1/4W 22K J |
| R111 | VE-30000712 | RESISTOR | 1/4W 470R J |

| △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|--------------|-------------------|
| R112 | VE-30000594 | RESISTOR | 1/4W 22K J |
| R113 | VE-30000712 | RESISTOR | 1/4W 470R J |
| R114 | VE-30000594 | RESISTOR | 1/4W 22K J |
| R115 | VE-30000712 | RESISTOR | 1/4W 470R J |
| L102 | VE-30001979 | FIXED COIL | 1uH |
| L103 | VE-30001979 | FIXED COIL | 1uH |
| L104 | VE-30006712 | FERRITE BEAD | |
| L105 | VE-30006712 | FERRITE BEAD | |
| L106 | VE-30006712 | FERRITE BEAD | |
| L107 | VE-30006712 | FERRITE BEAD | |
| L108 | VE-30006712 | FERRITE BEAD | |
| L109 | VE-30006712 | FERRITE BEAD | |
| JK101 | VE-30032639 | JACK | EXT4-VIDEO IN |
| JK102 | VE-30032636 | JACK | EXT4-AUDIO IN(L) |
| JK103 | VE-30032638 | JACK | EXT4-AUDIO IN(R) |
| JK104 | VE-30001895 | JACK | EXT4-S-VIDEO IN |
| JK105 | VE-30001891 | JACK | AUDIO OUT(L) |
| JK106 | VE-30001892 | JACK | AUDIO OUT(R) |
| JK107 | VE-30033200 | JACK | SUBWOOFER OUT |

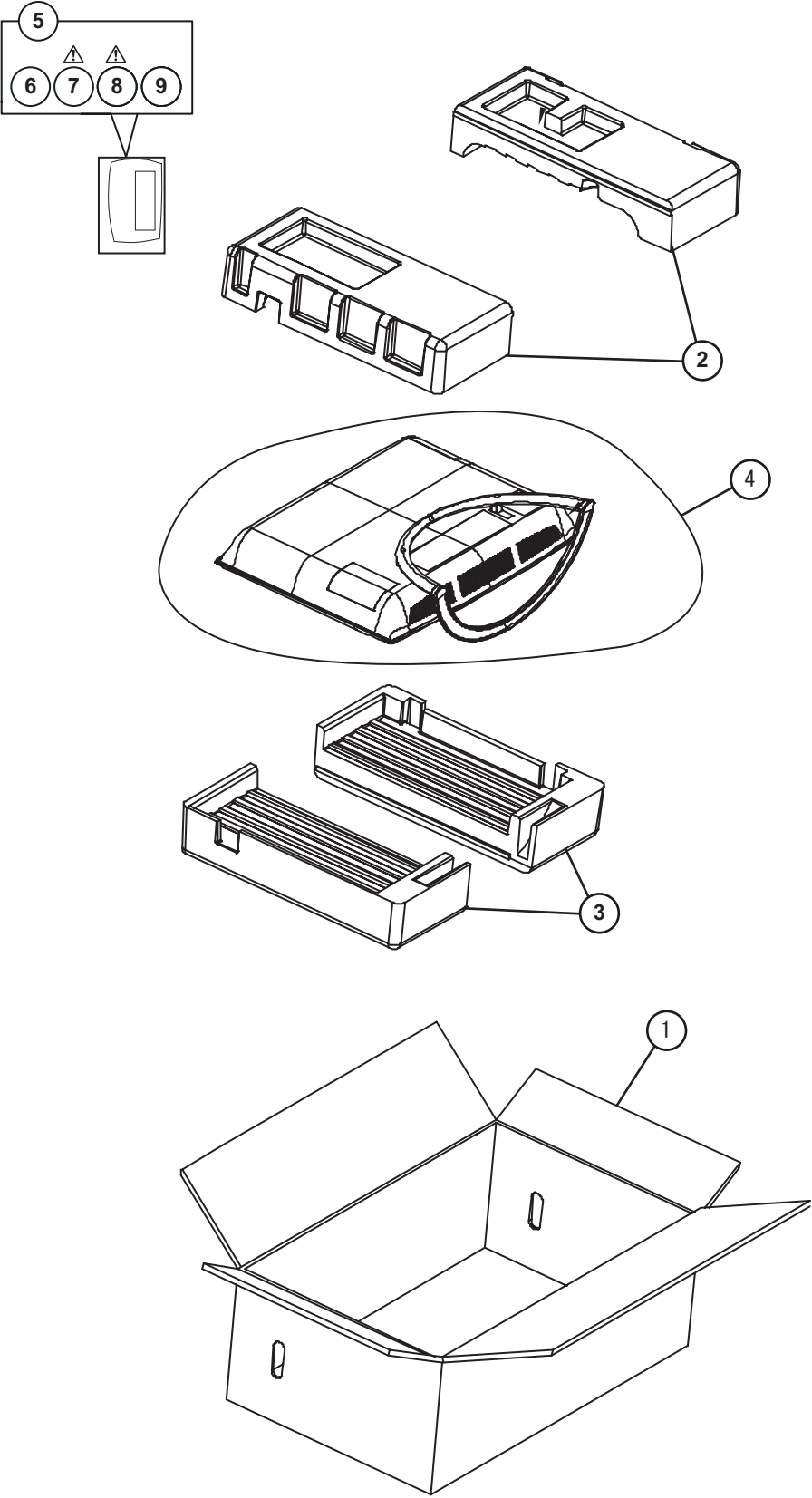
LED P.W. BOARD ASS'Y (VE-20211058)

| △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|--------------|-------------------|
| IC10 | VE-30031033 | PREAMPLIFIER | |
| D10 | VE-30030991 | LED | RED/GREEN |
| C10 | VE-30000371 | E CAPACITOR | 22uF 50V M |
| R1 | VE-30000459 | RESISTOR | 1/4W 100R J |

HEADPHONE P.W. BOARD ASS'Y (VE-20224791)

| △Ref No. | Part No. | Part Name | Description Local |
|----------|-------------|----------------|-------------------|
| C100 | VE-30012589 | CAPACITOR | 4.7nF 50V K |
| C101 | VE-30012589 | CAPACITOR | 4.7nF 50V K |
| C808 | VE-30016654 | CAPACITOR | 100nF 16V K |
| R100 | VE-30012649 | RESISTOR | 1/16W 150R J |
| R101 | VE-30012649 | RESISTOR | 1/16W 150R J |
| R102 | VE-30012641 | RESISTOR | 1/16W 10K J |
| R103 | VE-30012641 | RESISTOR | 1/16W 10K J |
| L100 | VE-30001996 | FIXED COIL | 22uH |
| L101 | VE-30001996 | FIXED COIL | 22uH |
| JK100 | VE-30031077 | HEADPHONE JACK | HEADPHONE |

PACKING



PACKING PARTS LIST

| △ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---------|-------------|---------------------|-------------------------------|----------------------------------|
| | 1 | VE-50074719 | CARTON BOX | | LT-26B60BJ |
| | 1 | VE-50074711 | CARTON BOX | (IT) | LT-26B60BU |
| | 1 | VE-50074720 | CARTON BOX | (DE) | LT-26B60BU |
| | 1 | VE-50074693 | CARTON BOX | | LT-26B60SJ |
| | 1 | VE-50074731 | CARTON BOX | (IT) | LT-26B60SU |
| | 1 | VE-50074718 | CARTON BOX | (DE) | LT-26B60SU |
| | 2 | VE-20185288 | SNOW BOX(TOP) | 2pcs in 1set | |
| | 3 | VE-20185287 | SNOW BOX(BOTTOM) | 2pcs in 1set | |
| | 4 | VE-50000007 | POLY BAG | | |
| | 5 | VE-70000587 | POLY BAG | | |
| | 6 | VE-30034032 | REMOTE CONTROL UNIT | (RM-C1860) | |
| △ | 7 | VE-30002376 | POWER CORD | | LT-26B60BU,LT-26B60SU |
| △ | 7 | VE-30002375 | POWER CORD | | LT-26B60BJ,LT-26B60SJ,LT-26B60SU |
| △ | 8 | VE-50074697 | INST BOOK | English | LT-26B60BJ,LT-26B60SJ |
| △ | 8 | VE-50074712 | INST BOOK | English/German/French/Italian | LT-26B60BU,LT-26B60SU |
| △ | 8 | VE-50074713 | INST BOOK | Swedish/Danish/Norwegian/Finn | LT-26B60BU,LT-26B60SU |
| △ | 8 | VE-50074714 | INST BOOK | Polish/Czech/Hungarian | LT-26B60BU,LT-26B60SU |
| △ | 8 | VE-50074715 | INST BOOK | Spanish/Portuguese/Dutch | LT-26B60BU,LT-26B60SU |
| △ | 8 | VE-50074717 | INST BOOK | Bulgarian/Russian/Romanian | LT-26B60BU,LT-26B60SU |
| | 9 | ----- | BATTERY | AA/R06(x2) | |

JVC

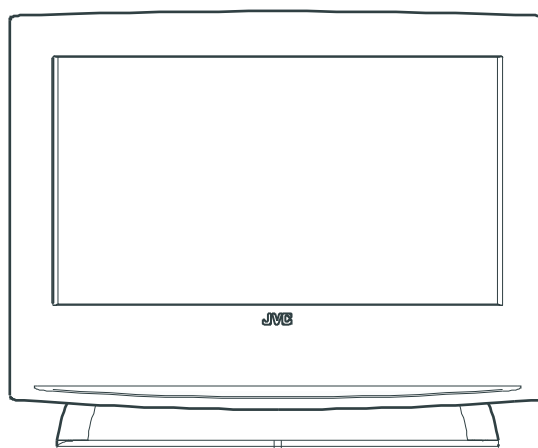
SCHEMATIC DIAGRAMS

WIDE LCD PANEL TELEVISION

LT-26B60BJ, LT-26B60BU
LT-26B60SJ, LT-26B60SU

CD-ROM No.SML200511

InteríArt



LT-26B60BJ, LT-26B60BU, LT-26B60SJ, LT-26B60SU

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the \triangle symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

●Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply




-  : B1
-  : B2 (12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated





(5)Test point

-  : Test point
-  : Only test point display



(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

CONTENTS

SEMICONDUCTOR SHAPES2-2

BLOCK DIAGRAM2-3

CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM 2-5

POWER PWB CIRCUIT DIAGRAM 2-19

AV JACK PWB CIRCUIT DIAGRAM 2-21

SIDE CONTROL PWB CIRCUIT DIAGRAM 2-21

LED PWB CIRCUIT DIAGRAM 2-22

HEADPHONE PWB CIRCUIT DIAGRAM 2-22

SWITCH PWB CIRCUIT DIAGRAM 2-22

PATTERN DIAGRAMS

MAIN PWB PATTERN 2-23

POWER PWB PATTERN 2-27

AV JACK PWB PATTERN 2-31

SIDE CONTROL PWB PATTERN 2-31

SWITCH PWB PATTERN 2-31

LED PWB PATTERN 2-32

HEADPHONE PWB PATTERN 2-32

USING P.W. BOARD

| P.W.B ASS'Y name | LT-26B60BJ | LT-26B60BU | LT-26B60SJ | LT-26B60SU |
|-------------------------|-------------|------------|------------|------------|
| MAIN P.W. BOARD | VE-20224628 | ← | ← | ← |
| POWER P.W. BOARD | VE-20221280 | ← | ← | ← |
| SWITCH P.W. BOARD | VE-20219781 | ← | ← | ← |
| SIDE CONTROL P.W. BOARD | VE-20211052 | ← | ← | ← |
| AV JACK P.W. BOARD | VE-20230006 | ← | ← | ← |
| LED P.W. BOARD | VE-20211058 | ← | ← | ← |
| HEADPHONE P.W. BOARD | VE-20224791 | ← | ← | ← |

SEMICONDUCTOR SHAPES

TRANSISTOR

| BOTTOM VIEW | FRONT VIEW | | | | TOP VIEW |
|-------------|------------|--|--|--|-------------|
| | | | | | CHIP TR |

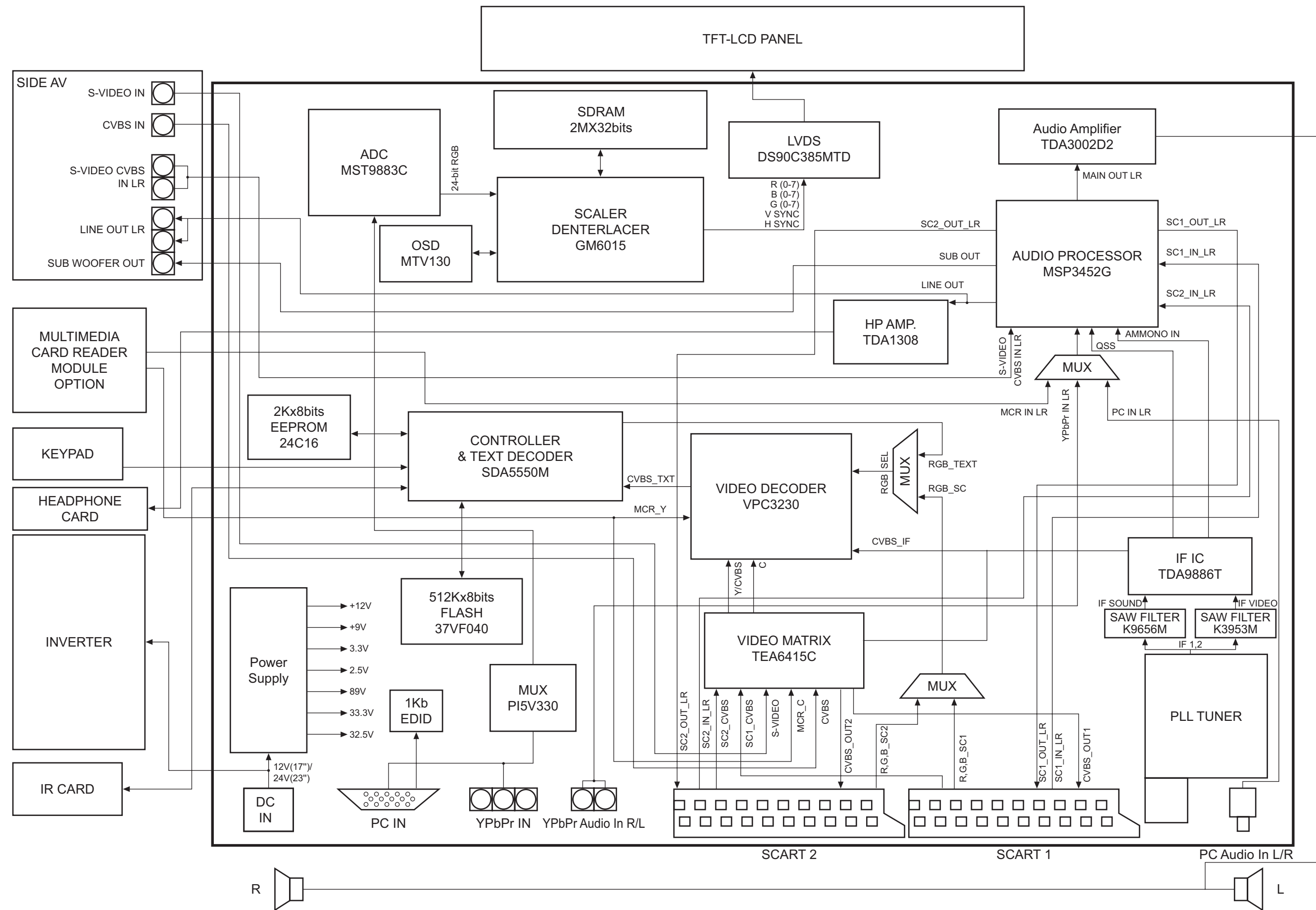
IC

| BOTTOM VIEW | FRONT VIEW | | | TOP VIEW |
|-------------|------------|--|--|----------|
| | | | | |

CHIP IC

| TOP VIEW | | |
|----------|--|--|
| | | |

BLOCK DIAGRAM

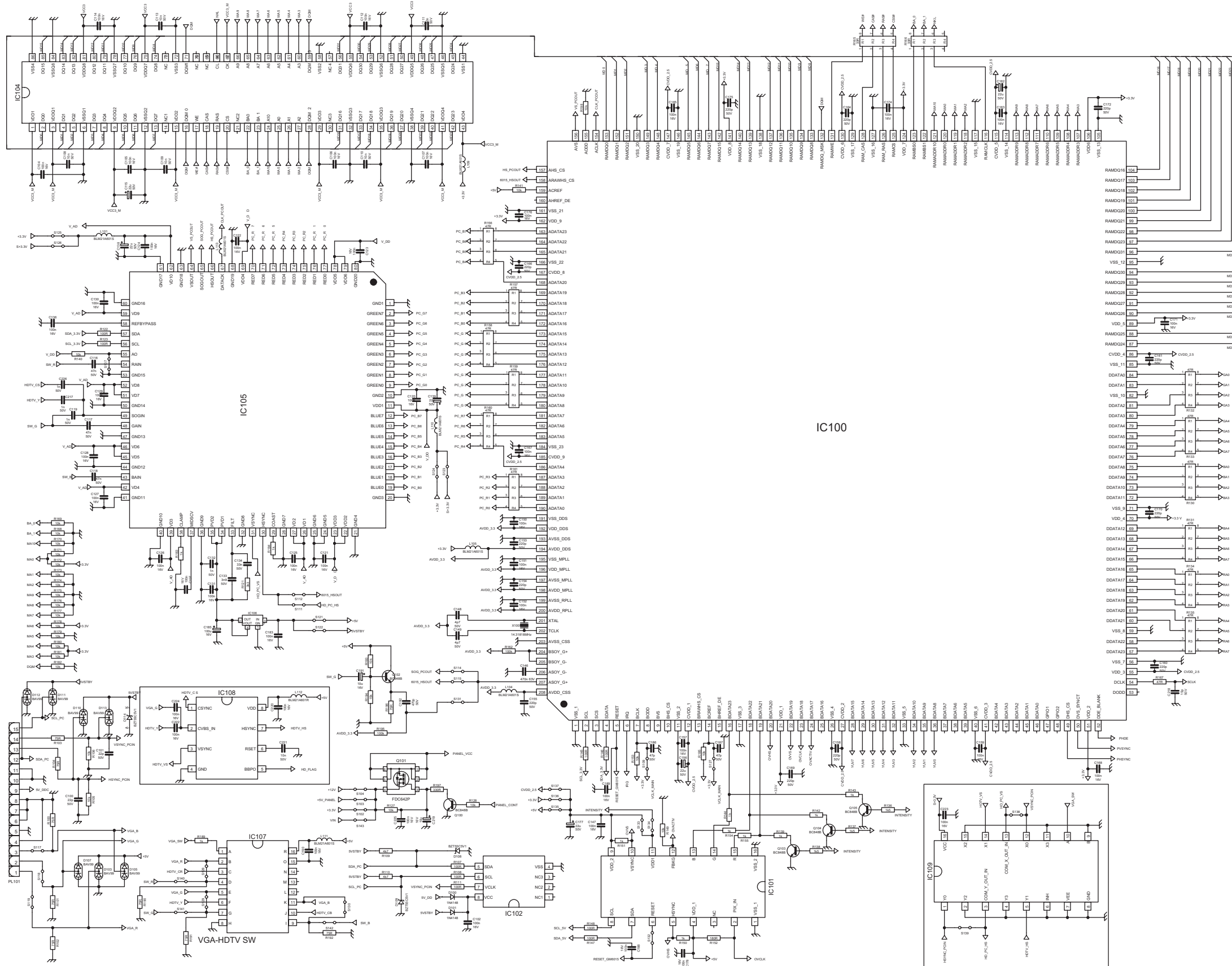


CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/8)

MAIN PWB ASS'Y (1/8)

VE-20224628

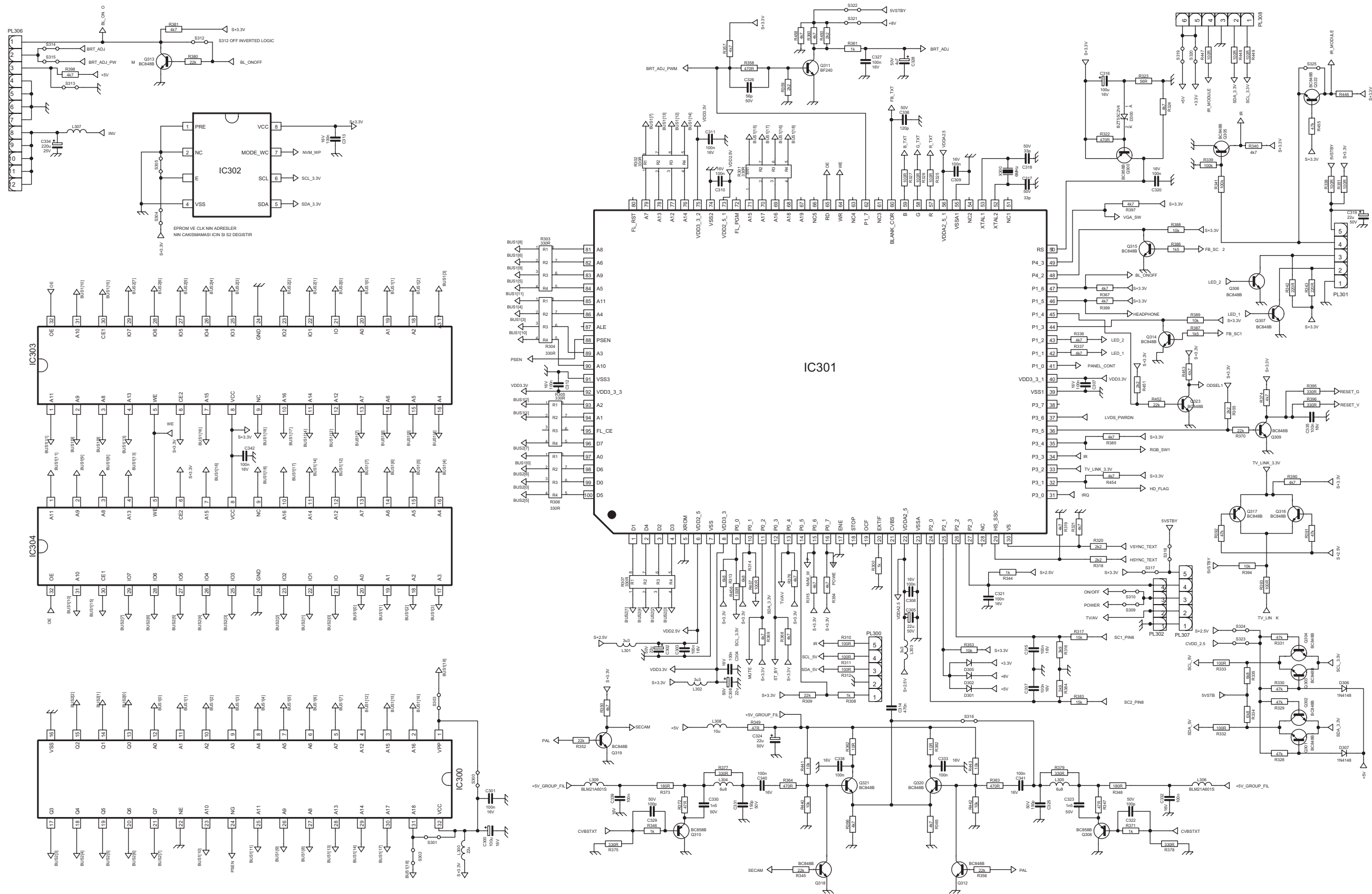


(No.YA352)2-5

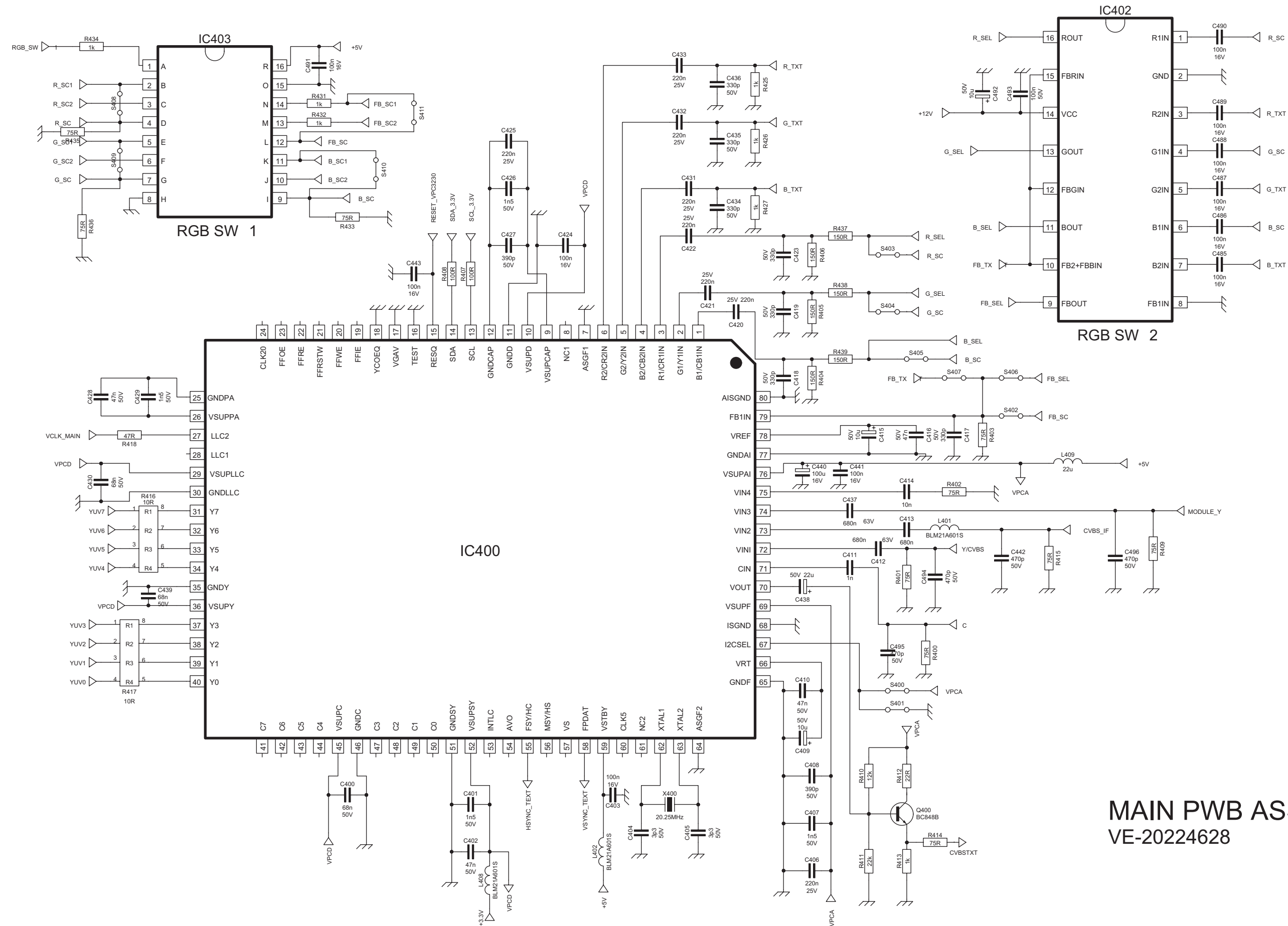
2-6(No.YA352)

MAIN PWB ASS'Y (2/8)
VE-20224628

NOTE : Refer to the part list for the part number of IC300 and IC302.

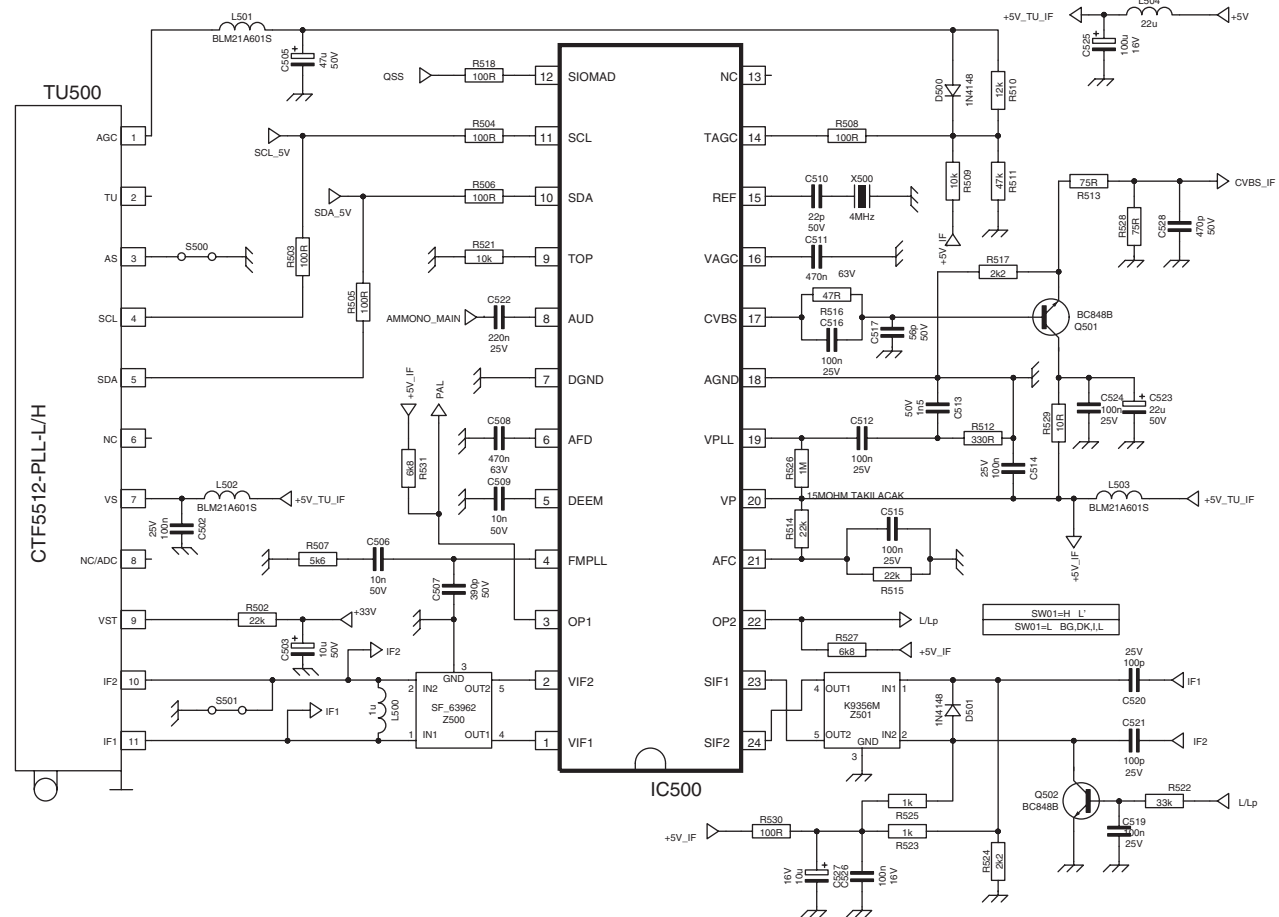


MAIN PWB CIRCUIT DIAGRAM (3/8)



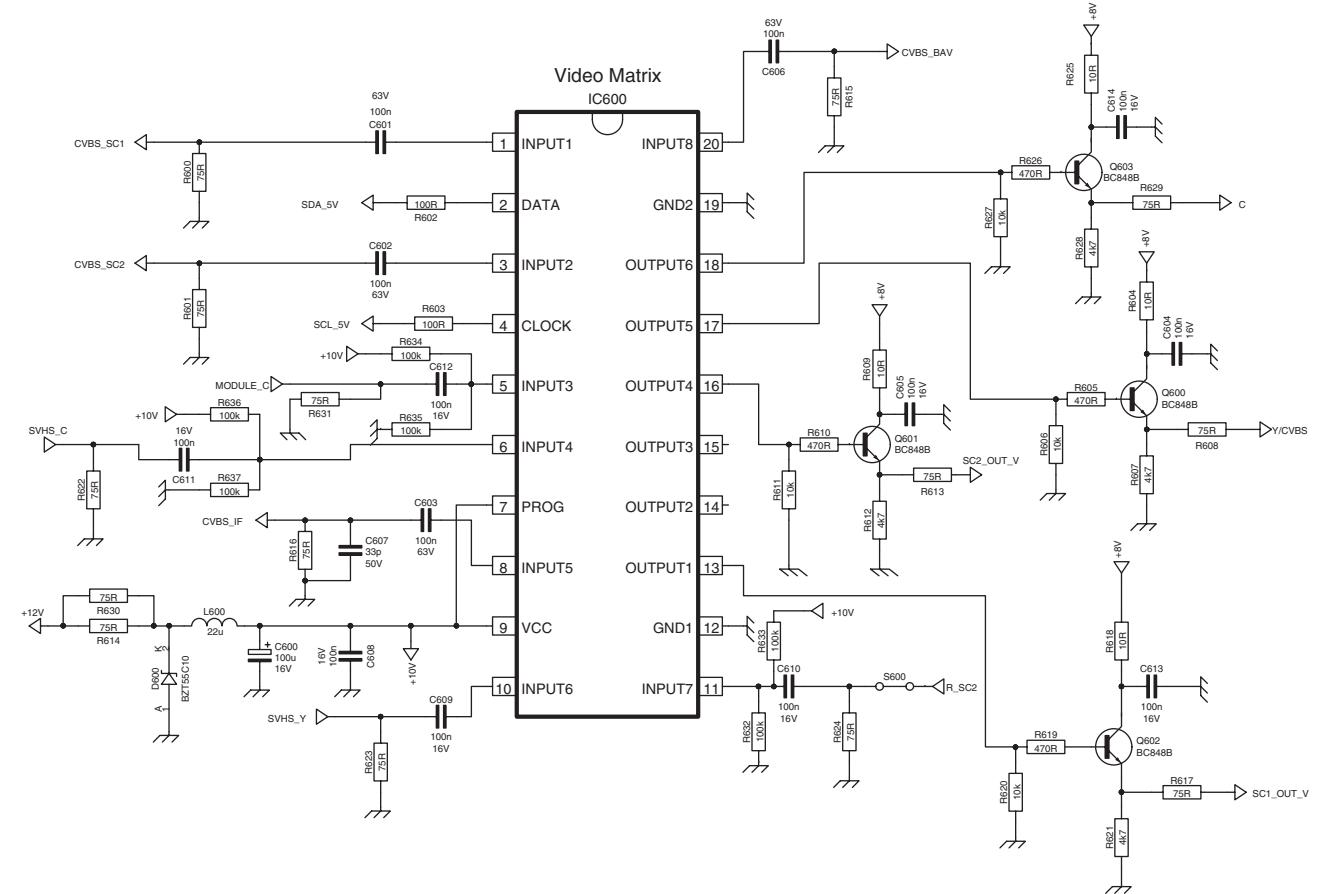
MAIN PWB ASS'Y (3/8)
VE-20224628

MAIN PWB CIRCUIT DIAGRAM (4/8)



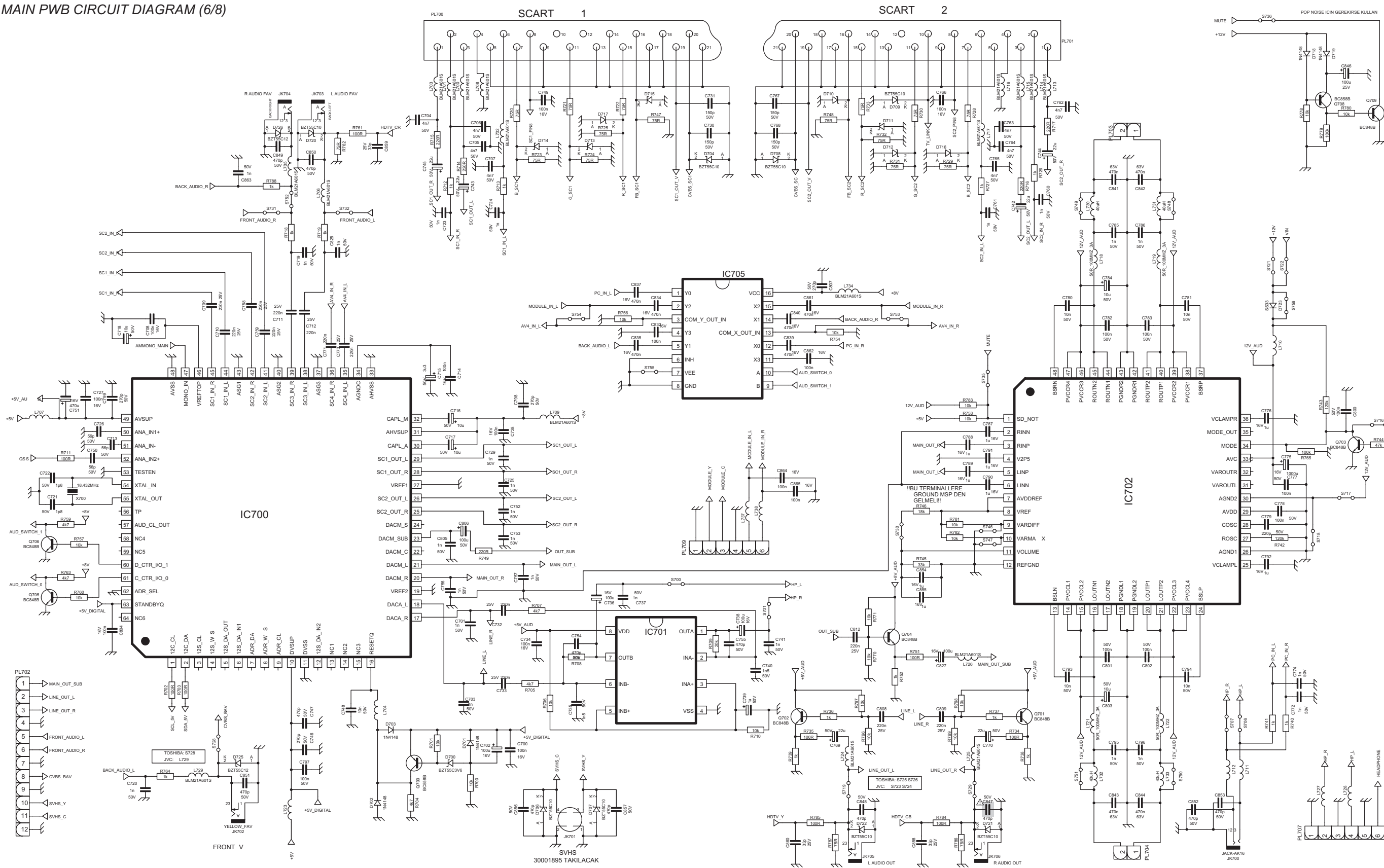
MAIN PWB ASS'Y (4/8)
VE-20224628

MAIN PWB CIRCUIT DIAGRAM (5/8)



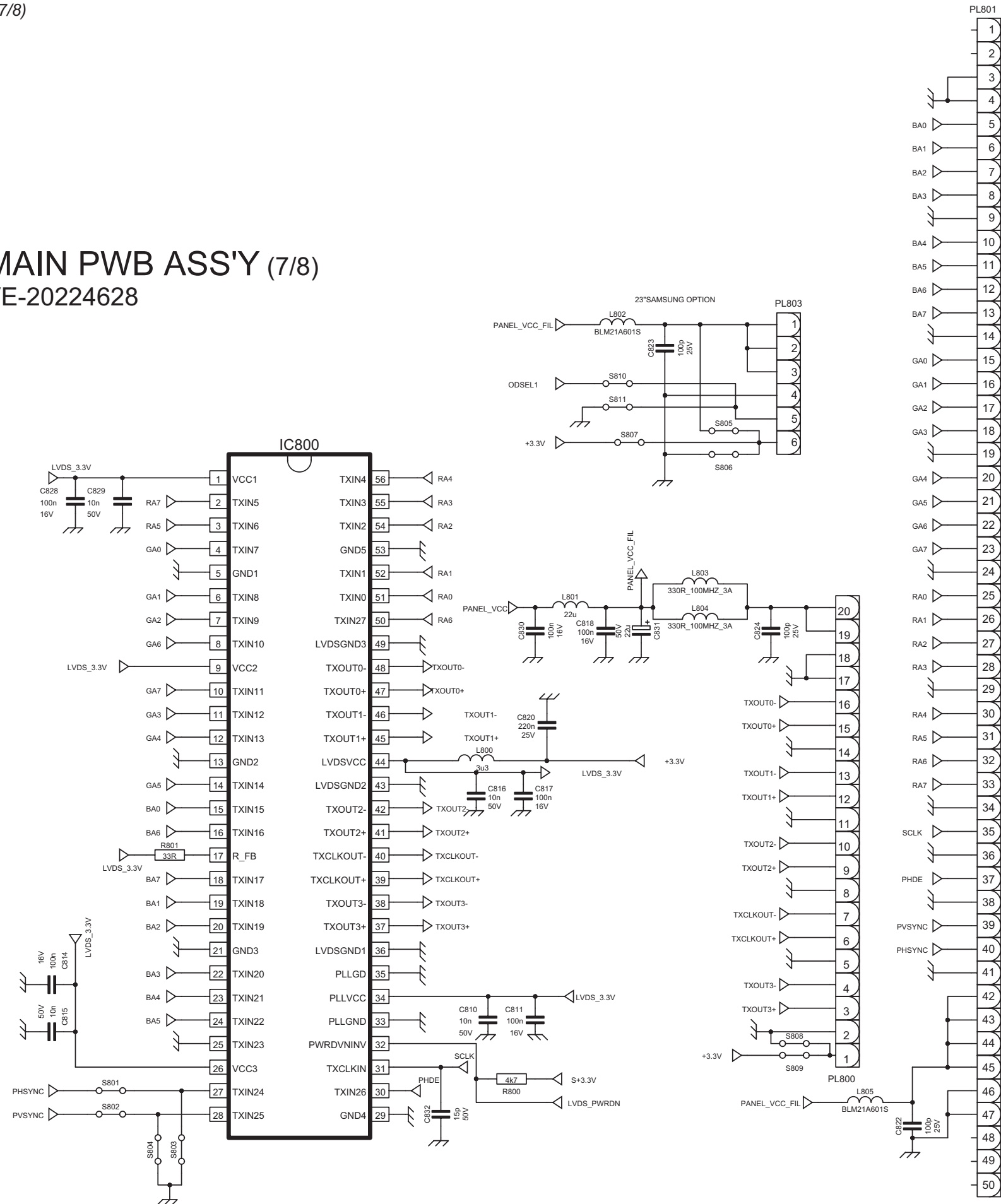
MAIN PWB ASS'Y (5/8)
VE-20224628

MAIN PWB CIRCUIT DIAGRAM (6/8)

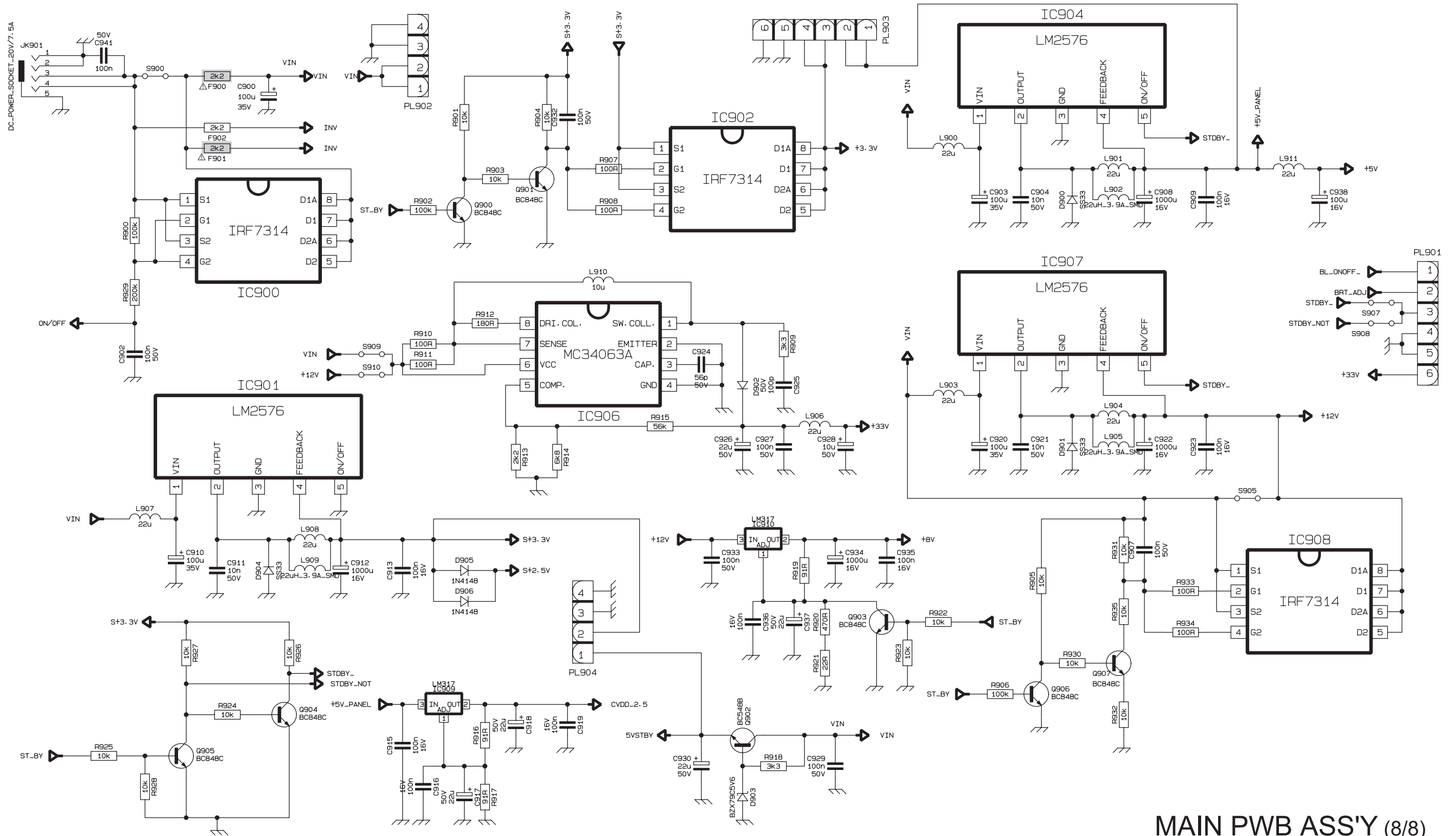


MAIN PWB ASS'Y (6/8)
VE-20224628

MAIN PWB ASS'Y (7/8)
VE-20224628

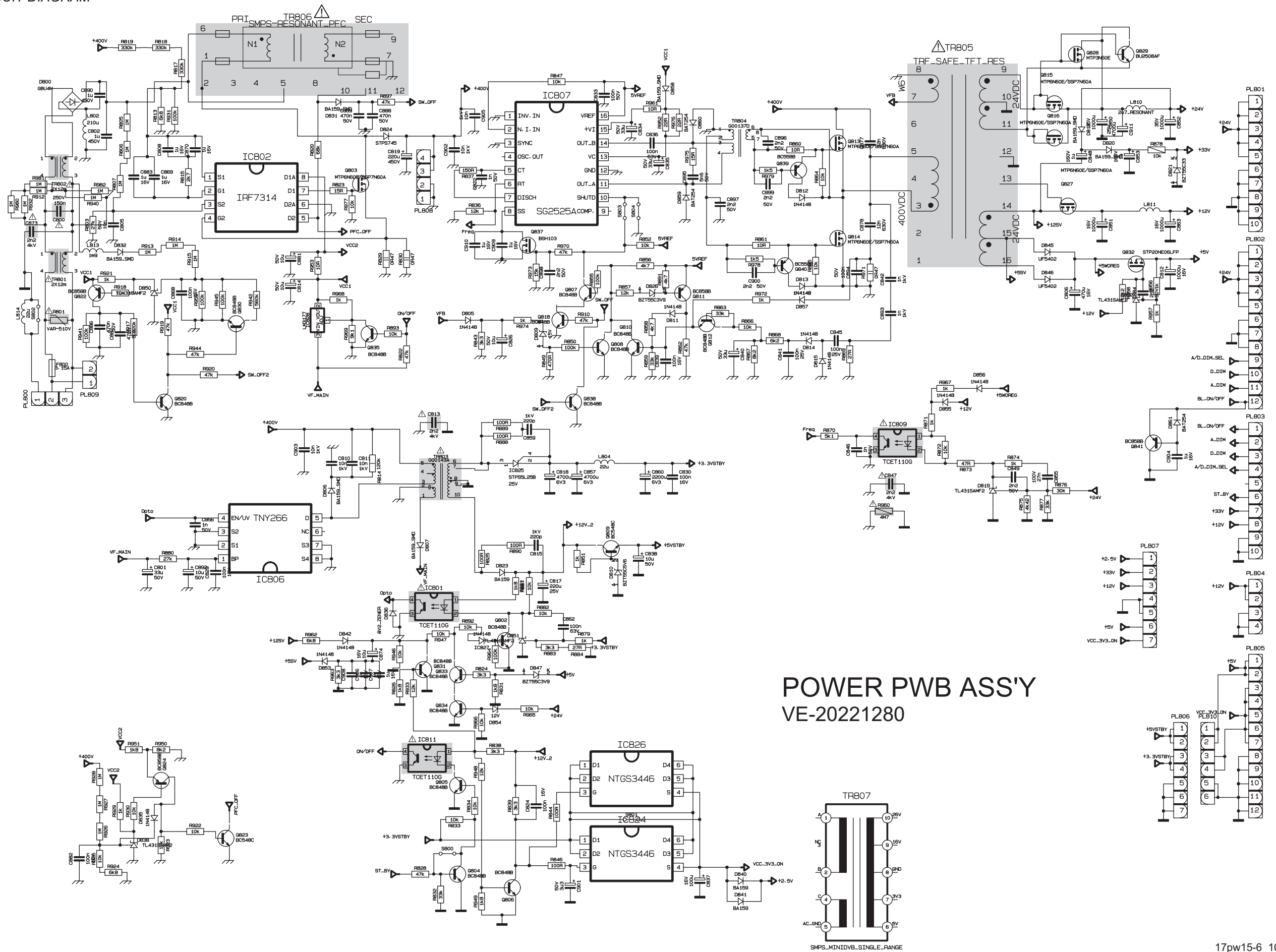


MAIN PWB CIRCUIT DIAGRAM (8/8)

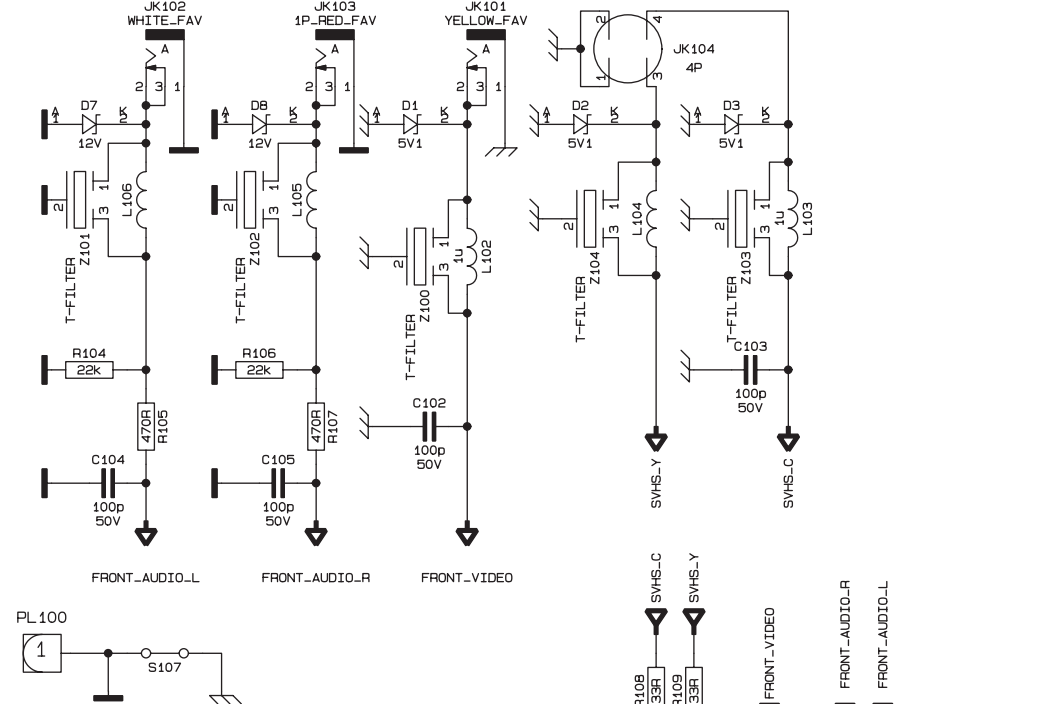


MAIN PWB ASS'Y (8/8)
VE-20224628

POWER PWB CIRCUIT DIAGRAM

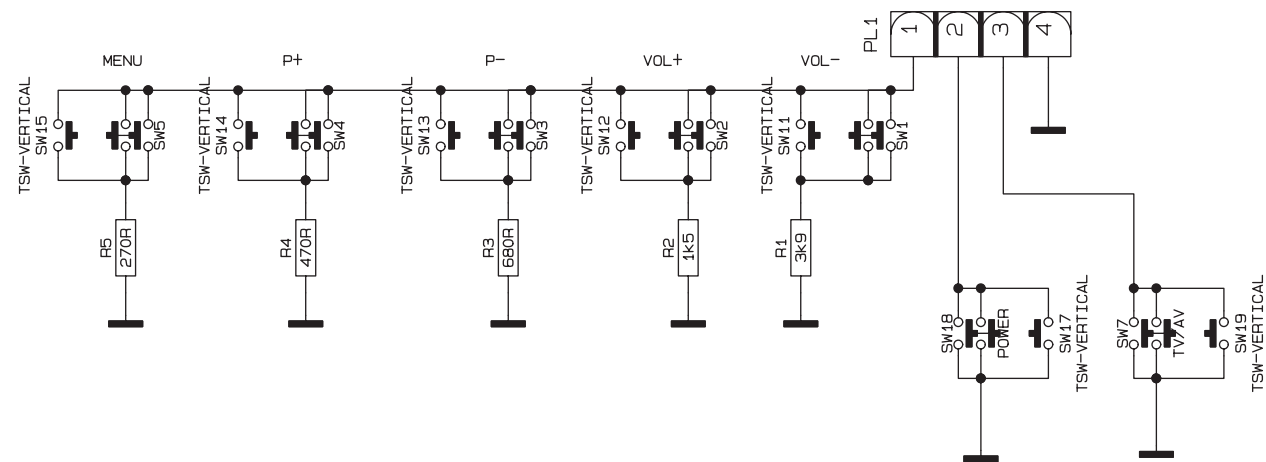


AV JACK PWB CIRCUIT DIAGRAM



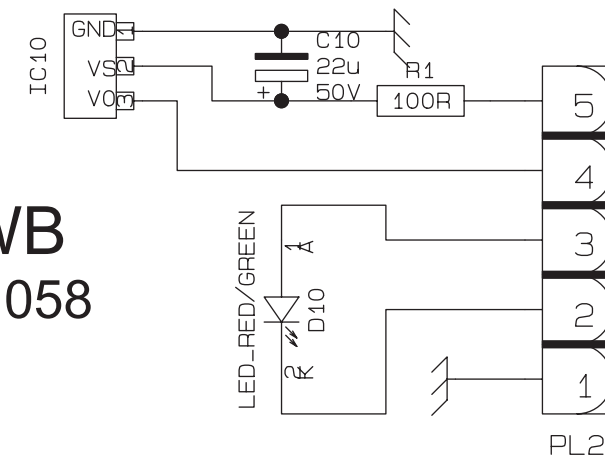
AV JACK PWB
VE-20230006

SIDE CONTROL PWB CIRCUIT DIAGRAM

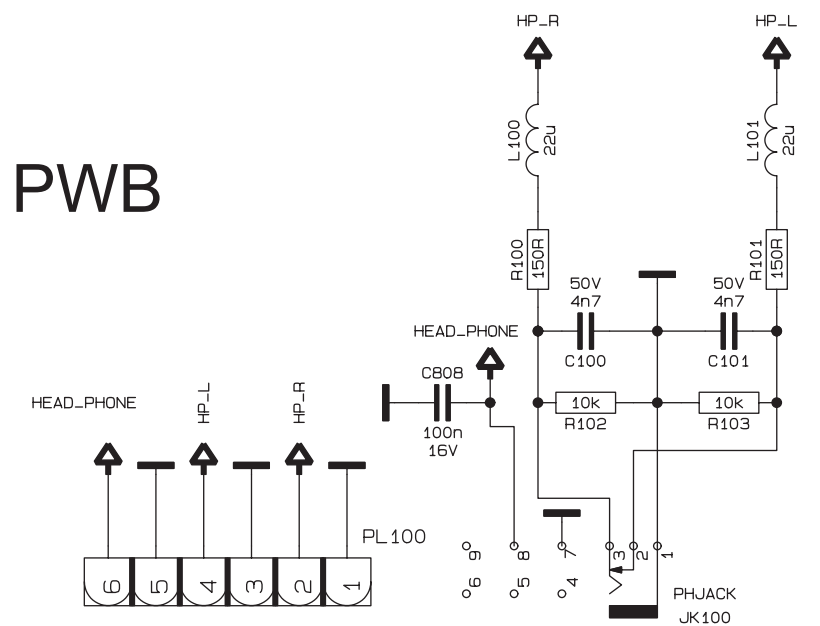


SIDE CONTROL PWB
VE-20211052

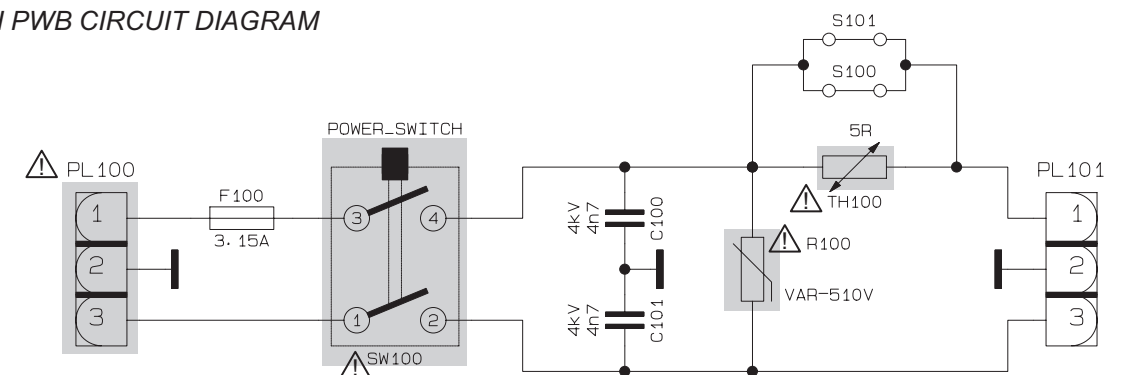
LED PWB CIRCUIT DIAGRAM



HEADPHONE PWB CIRCUIT DIAGRAM



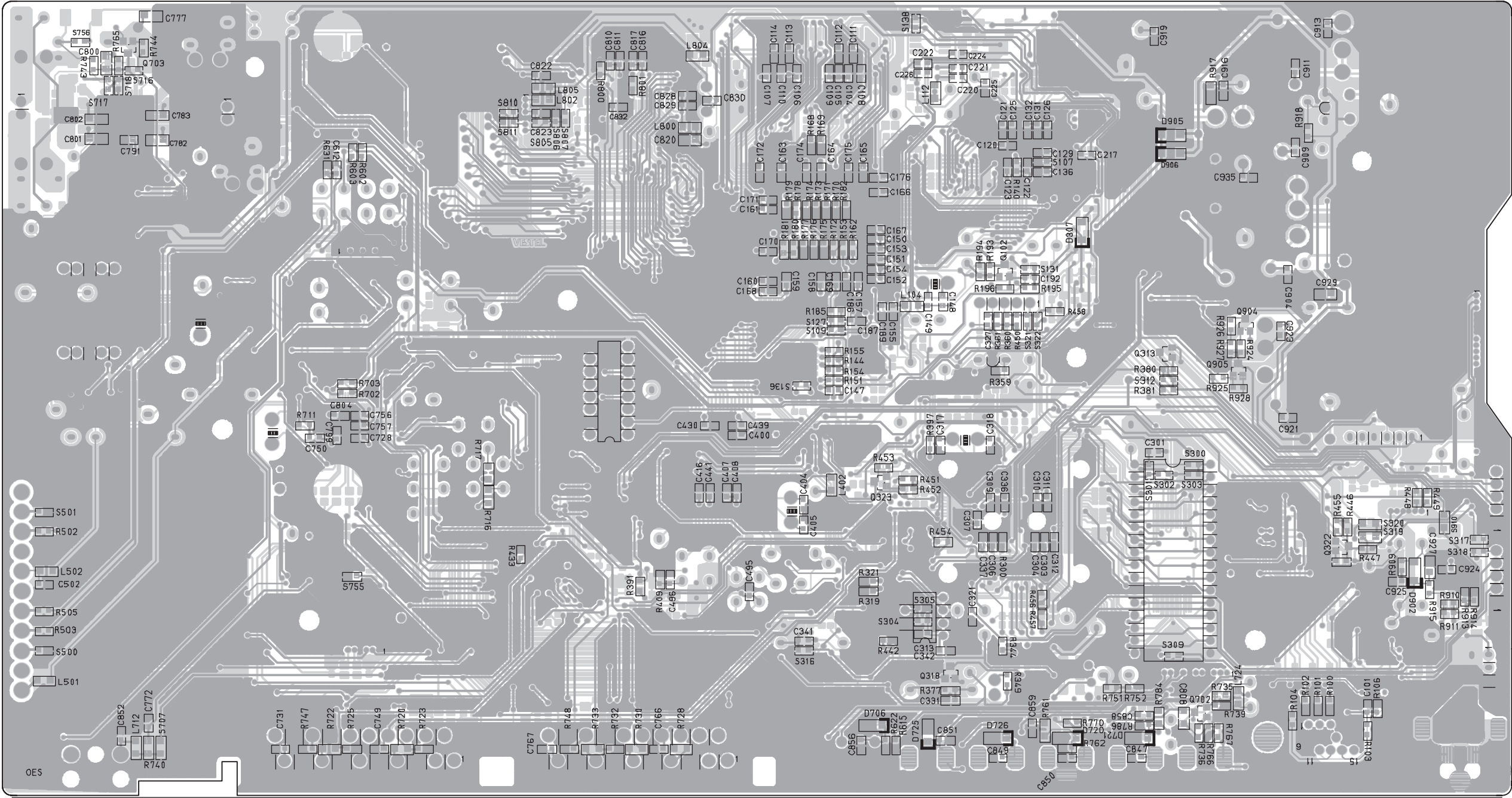
SWITCH PWB CIRCUIT DIAGRAM

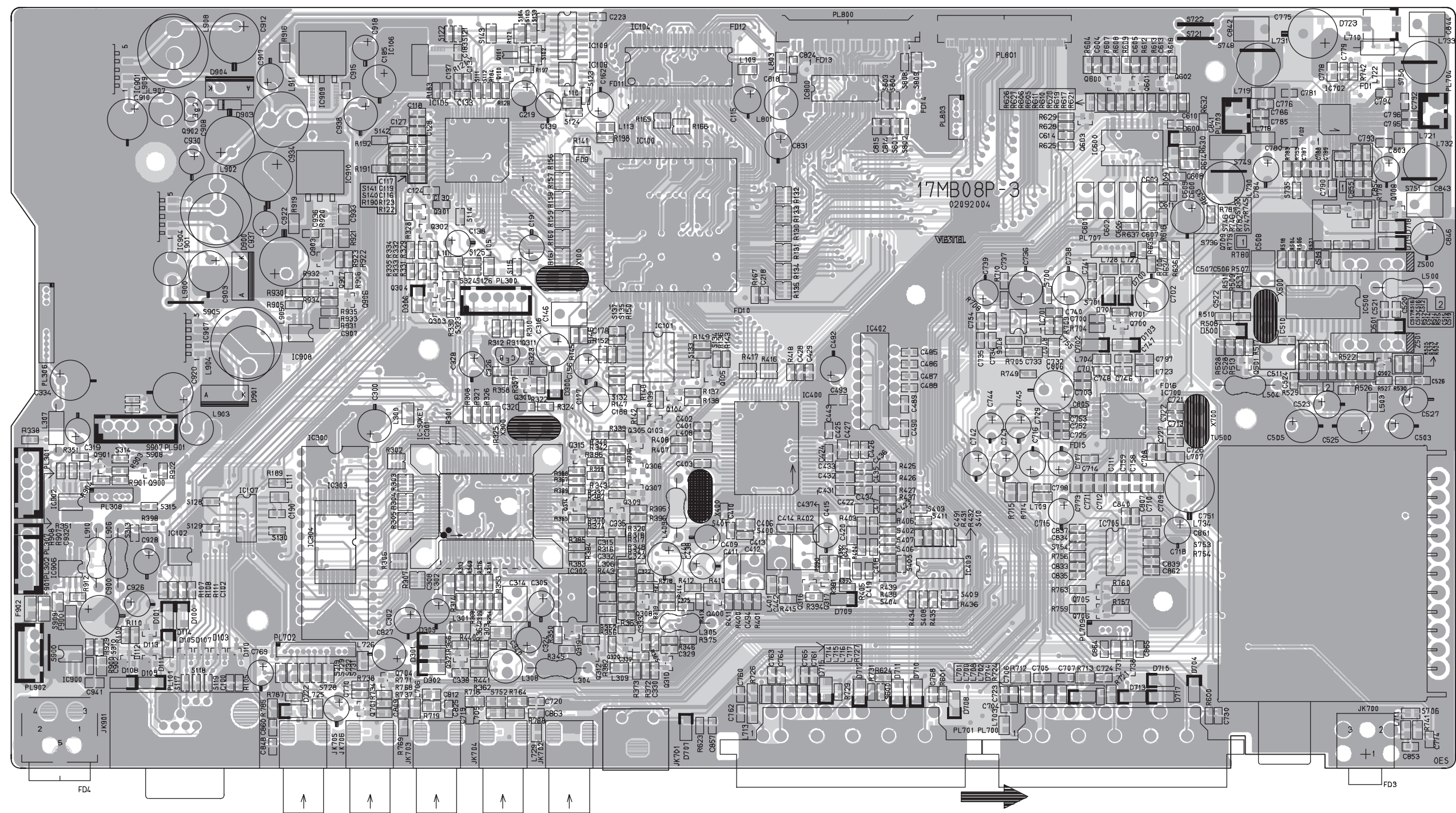


SWITCH PWB ASS'Y
VE-20219781

PATTERN DIAGRAMS
MAIN PWB PATTERN [SOLDER SIDE]

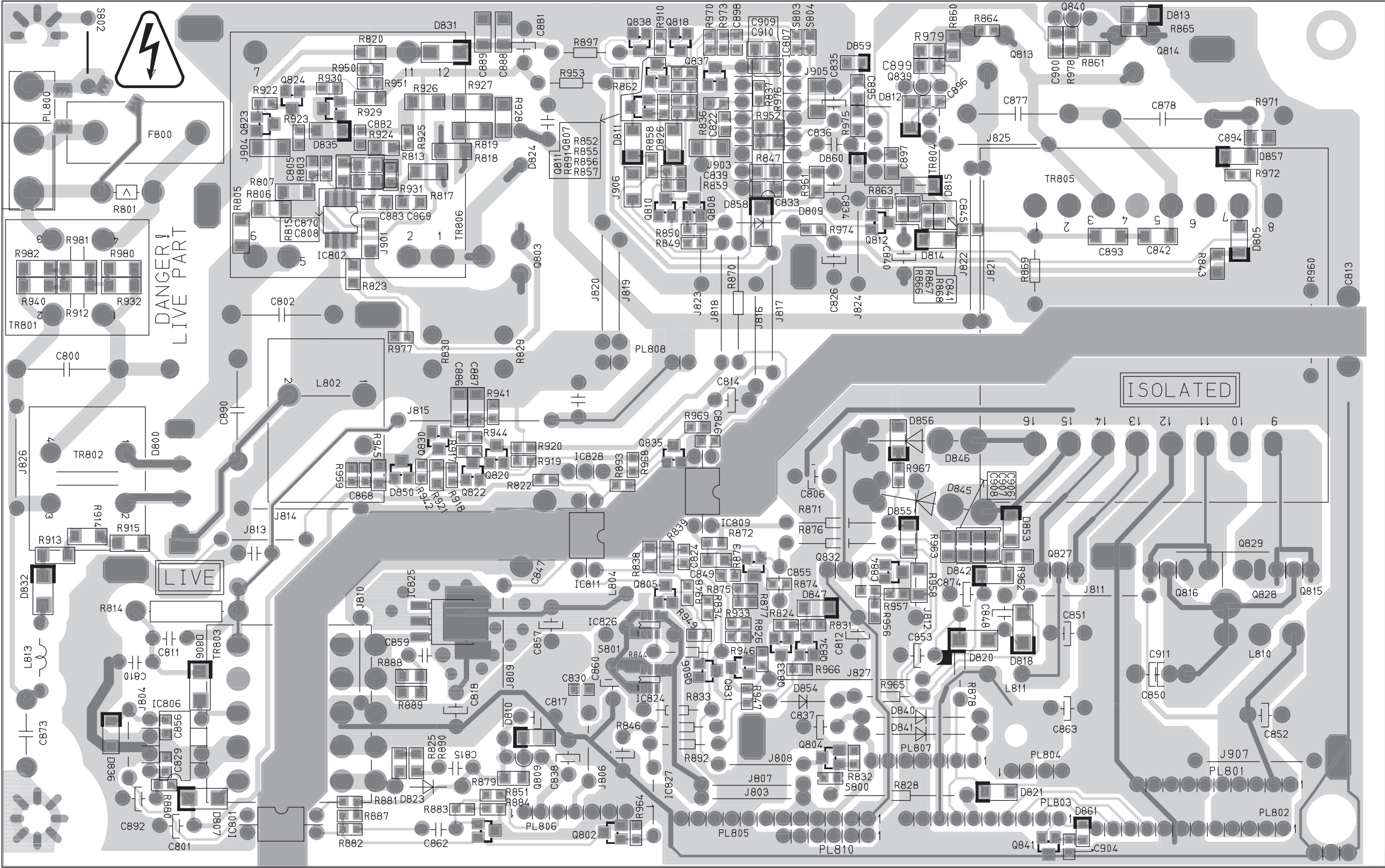
TOP
↑

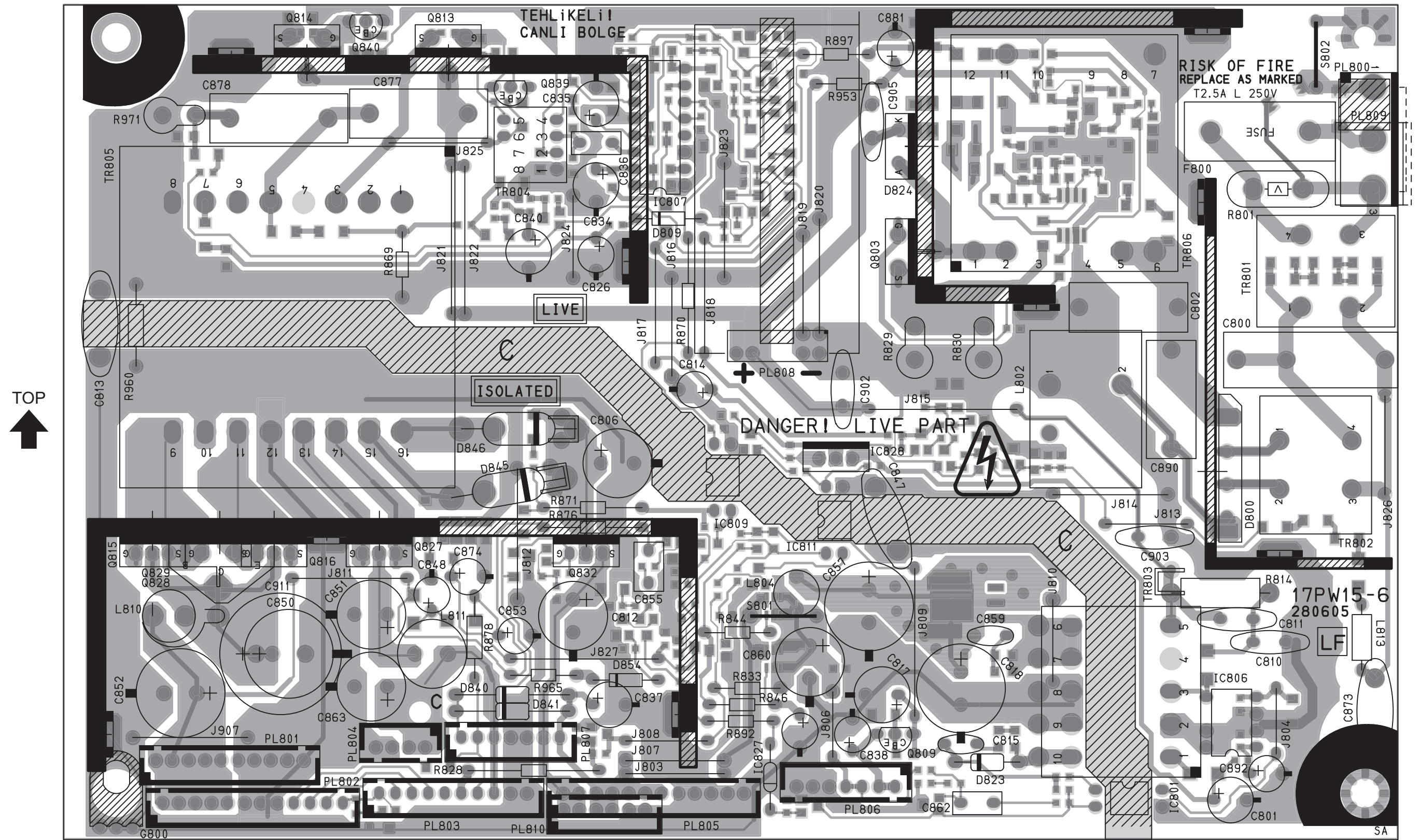




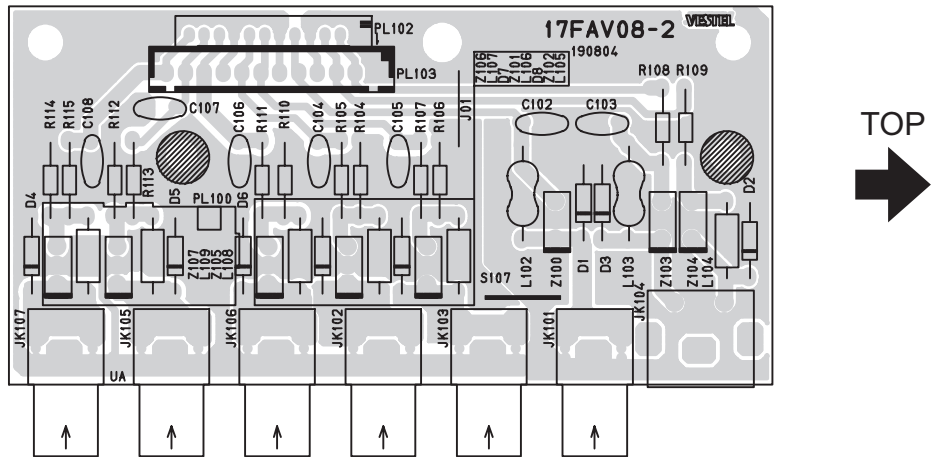
TOP



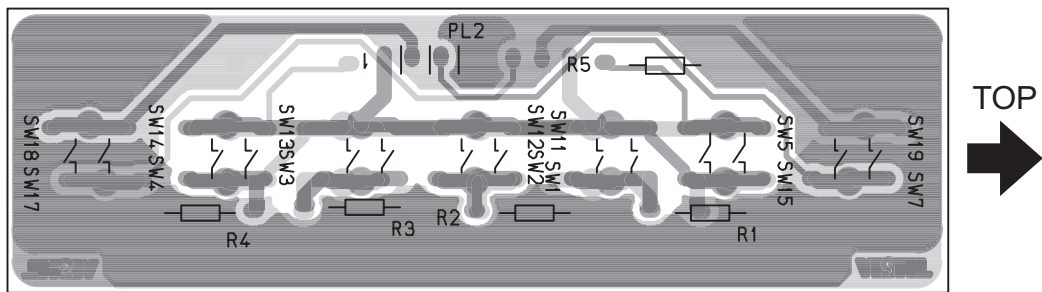




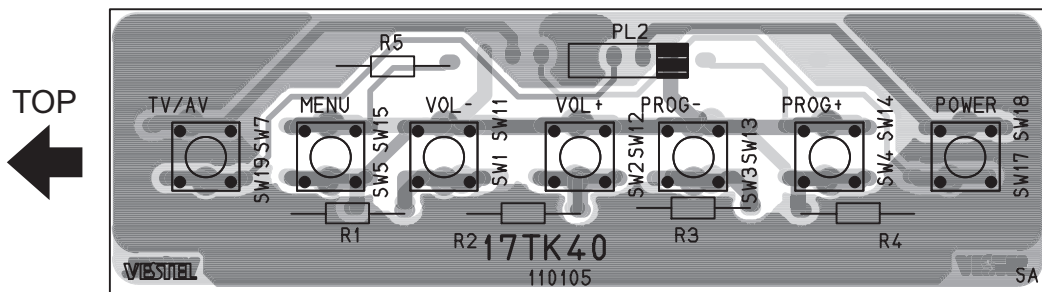
AV JACK PWB PATTERN



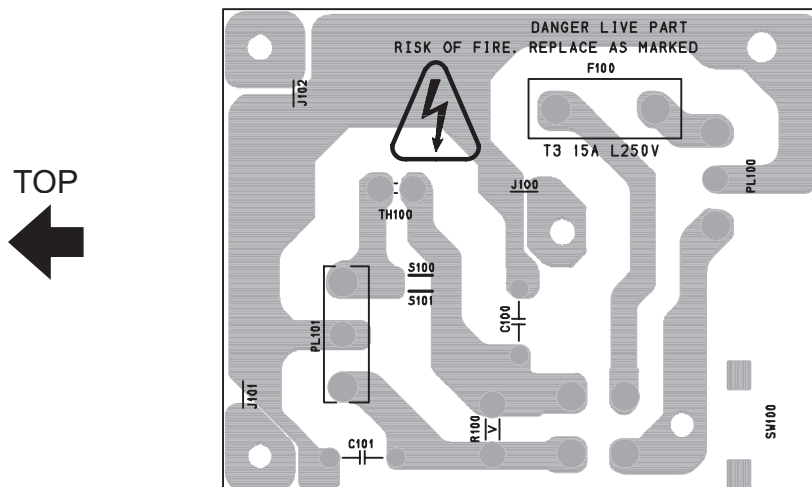
SIDE CONTROL PWB PATTERN [SOLDER SIDE]



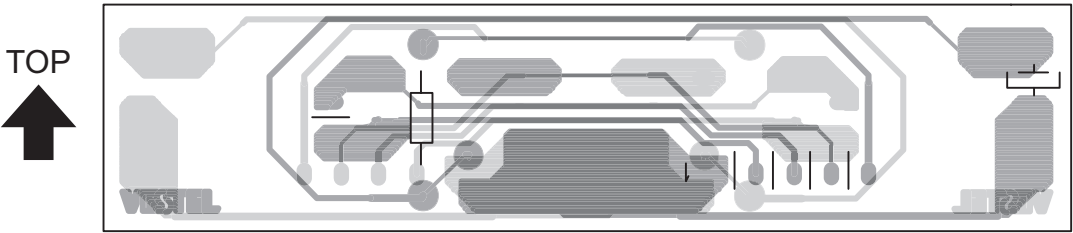
SIDE CONTROL PWB PATTERN [PARTS SIDE]



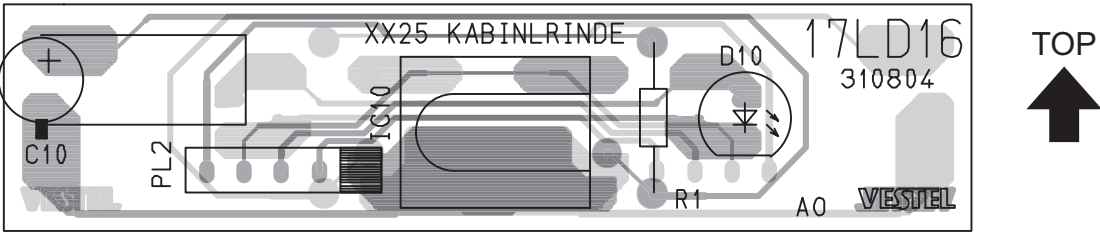
SWITCH PWB PATTERN



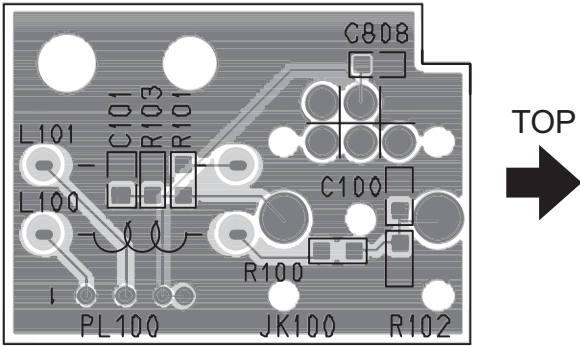
LED PWB PATTERN [SOLDER SIDE]



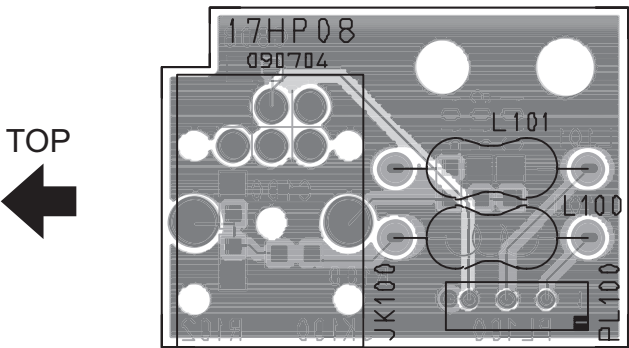
LED PWB PATTERN [PARTS SIDE]



HEADPHONE PWB PATTERN [SOLDER SIDE]



HEADPHONE PWB PATTERN [PARTS SIDE]





Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA352)



Printed in Japan
VPT